

# CERTIFICATE

**TÜV NORD CERT GmbH**  
herewith declares that

**Trina Solar Co., Ltd.**

No. 2, Tianhe Road, Trina PV Industrial Park, New District  
Changzhou City, Jiangsu Province, 213031  
P.R. China

is authorized to provide the product mentioned below with the mark as illustrated:

**Description of product (details see Annex 2):**

**Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**



Valid from: 2022-04-12

Valid until: 2024-02-26

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	P12.4-AA-04 Rev. 00a (IEC 60068-2-68:1994 modified)
Remark:	Test Method Lc1 or Lc2; See CDF in annex 1 of test report for details of applied test method, dust concentration, wind velocity and test duration
Registered No.:	44 780 19 406749 - 364R13A15M16
Manufacturer:	see Annex 1
Test Report No.:	492011172.023
File No.:	PVP12043/21P



**TÜV NORD CERT GmbH**  
**Certification Body**  
**Consumer Products**

Essen, 2022-04-12

Please also pay attention to the information stated overleaf.

**Manufacturer:**

Manufacturer 1:	<b>Trina Solar Co., Ltd.</b> No. 2, Tianhe Road, Trina PV Industrial Park, New District Changzhou City, Jiangsu Province, 213031, P.R. China
Factory inspection report no.:	862010341.006
Manufacturer 2:	<b>Yancheng Trina Solar Guoneng Science &amp; Technology Co., Ltd.</b> No. 101, Wutaishan Road, Yancheng Economic Technological Development Zone, Yancheng City, Jiangsu Province, P. R. China
Factory inspection report no.:	862010342.006
Manufacturer 3:	<b>Jiangsu Focus New Energy Technology Co., Ltd.</b> No. 66, Lifa Road, Haian Development Area, 226600 Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010436.003
Manufacturer 4:	<b>Tiger solar Co., Ltd.</b> 211/2, 211/3 Moo 3, Tungsukhla, 20230, Sriracha, Chonburi, Thailand
Factory inspection report no.:	862010450.003
Manufacturer 5:	<b>Trina Solar (Suqian) Technology Co., Ltd.</b> 1599 Guangzhou Road, Suqian Economic and Technological Development Zone, Jiangsu Province, P.R.China
Factory inspection report no.:	862010453.003
Manufacturer 6:	<b>Runrong Jiangsu Energy Technology Co., Ltd.</b> No. 127 Yabao Road Linggang Street Jiangyin city Jiangsu Province 214443 P. R. China
Factory inspection report no.:	862010460.003
Manufacturer 7:	<b>Shandong Ronma Solar Co., Ltd.</b> Room 206, No.79 Huaihe Road, Dongying Zone, Dongying City, Shandong Province, China
Factory inspection report no.:	862010489.002

Manufacturer 8:	<b>Trina Solar Yiwu technology Co., Ltd.</b> No. 801, Longqi Road, Suxi Town, 322009 Yiwu City Zhejiang, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010514.002
Manufacturer 9:	<b>Trina Solar Energy Development Company Limited</b> Lot CN14, Yen Binh Industrial Park, Dong Tien Ward 23000 Pho Yen Town, Thai Nguyen Province, VIETNAM
Factory inspection report no.:	862010545.001
Manufacturer 10:	<b>Shandong Fhisolar Energy Co., Ltd.</b> No. 52 Yinqiao Street, Yintan, RuShan City 264200 Weihai City, Shandong Province, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010551.001
Manufacturer 11:	<b>Trina Solar (Yancheng Dafeng) Co., Ltd.</b> No. 19, Tonggang Avenue, Dafeng Port District, Yancheng City Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010569.001
Manufacturer 12:	<b>Zibo Jingyou Solar Co., Ltd.</b> No. 3005, Sichou road,Zhoucun District ,Zibo City Shandong Province, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010597.001
Manufacturer 13:	<b>Jiangsu Huapeng Photovoltaic Technology Co., Ltd.</b> No. 118, Jingang Road, Yangzhou economic and Technological Development Zone 225100 Yangzhou City, Jiangsu Province, PEOPLE'S RE-PUBLIC OF CHINA
Factory inspection report no.:	862010598.001
Manufacturer 14:	<b>Jiangsu Jinko Day Sheng Solar Co., Ltd.</b> No. 228 Yuesheng North Road, Industry Center, Fanshui Town, Baoying County, 225819 Yangzhou City Jiangsu Province, PEOPLE'S REPUBLIC OF CHINA
Factory inspection report no.:	862010599.001

Manufacturer 15: **Shandong Talesun New Energy Technology Co., Ltd.**  
No.2208, Honghua Road, High-tech District, 317000 Zibo City  
Shangdong Province, PEOPLE'S REPUBLIC OF CHINA

Factory inspection report no.: 862010600.001

Manufacturer 16: **Jiangsu Linyang Photovoltaic Technology Co., Ltd.**  
No. 612 Huashi Rd, Qidong 226200  
Jiangsu, PEOPLE'S REPUBLIC OF CHINA

Factory inspection report no.: 862010502.002

Manufacturer 17: **Runrong JS Energy Technology Co., Ltd.**  
No. 127, Yabao Avenue, Lingang Street, 214443  
Jiangyin, PEOPLE'S REPUBLIC OF CHINA

Factory inspection report no.: 862010601.001

Manufacturer 18: **Trina Solar Science & Technology (Thailand) Ltd.**  
No. 7/496 Moo.6, T. Mabyangporn, A. Pluakdang, Rayong 21140,  
THAILAND

Factory inspection report no.: 862010349.006

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.

**Description of product(s):**

Module types:

**Double Glass PV Modules with Mono-crystalline Silicon Solar Cells:**

336 1/5-cut cells: TSM-xxxDEG5ZV(II) (xxx = 290 - 350, in increments of 5)

336 1/5-cut cells: TSM-xxxDEG5ZV.05(II) (xxx = 290 - 350, in increments of 5)

336 1/5-cut cells: TSM-xxxDEG5ZV.07(II) (xxx = 290 - 350, in increments of 5)

336 1/5-cut cells: TSM-xxxDEG5ZV.40(II) (xxx = 290 - 350, in increments of 5)

336 1/5-cut cells: TSM-xxxDEG5ZV.47(II) (xxx = 290 - 350, in increments of 5)

138 1/5-cut cells: TSM- xxxDEG2ZV(II) (xxx = 120 - 140, in increments of 5)

138 1/5-cut cells: TSM- xxxDEG2ZV.05(II) (xxx = 120 - 140, in increments of 5)

138 1/5-cut cells: TSM- xxxDEG2ZV.07(II) (xxx = 120-140, in increments of 5)

138 1/5-cut cells: TSM- xxxDEG2ZV.40(II) (xxx = 120-140, in increments of 5)

138 1/5-cut cells: TSM- xxxDEG2ZV.47(II) (xxx = 120-140, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.05(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.07(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.20(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.25(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.27(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.28(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.29(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.40(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14H.47(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.05(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.07(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.20(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.25(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.27(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.28(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HC.29(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.05(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.07(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.20(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.25(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.27(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.28(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14MC.29(II) (xxx = 335 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDEG14HMC.20(II) (xxx = 335 - 395 in increments of 5)

144 half-cut cells: TSM-xxxDEG15H(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG15H.05(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG15H.07(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG15H.20(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG15H.25(II) (xxx = 345 - 415, in increments of 5)

144 half-cut cells: TSM-xxxDEG15H.27(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15H.28(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15H.29(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15H.40(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15H.47(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15HC(II) (xxx = 335 - 395, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15HC.05(II) (xxx = 335 - 395, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15HC.07(II) (xxx = 335 - 395, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15HC.20(II) (xxx = 335 - 395, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15HC.25(II) (xxx = 335 - 395, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15HC.27(II) (xxx = 335 - 395, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15HC.28(II) (xxx = 335 - 395, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15HC.29(II) (xxx = 335 - 395, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15MC(II) (xxx = 350 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15MC.05(II) (xxx = 350 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15MC.07(II) (xxx = 350 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15MC.20(II) (xxx = 350 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15MC.25(II) (xxx = 350 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15MC.27(II) (xxx = 350 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15MC.28(II) (xxx = 350 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15MC.29(II) (xxx = 350 - 425, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5H(II) (xxx = 285 - 345, in increments of 5)

120 half-cut cells: TSM-xxxDEG5H.05(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5H.07(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5H.20(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5H.25(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5H.27(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5H.28(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5H.29(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5H.40(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5H.47(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5HC(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5HC.05(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5HC.07(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5HC.20(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5HC.25(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5HC.27(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5HC.28(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5HC.29(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5MC(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5MC.05(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5MC.07(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5MC.20(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5MC.25(II) (xxx = 275 - 330, in increments of 5)



120 half-cut cells: TSM-xxxDEG5MC.27(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5MC.28(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5MC.29(II) (xxx = 275 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6H(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6H.05(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6H.07(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6H.20(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6H.25(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6H.27(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6H.28(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6H.29(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6H.40(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6H.47(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6HC(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6HC.05(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6HC.07(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6HC.20(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6HC.25(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6HC.27(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6HC.28(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6HC.29(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6MC(II) (xxx = 295 - 350, in increments of 5)

120 half-cut cells: TSM-xxxDEG6MC.05(II) (xxx = 295 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6MC.07(II) (xxx = 295 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6MC.20(II) (xxx = 295 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6MC.25(II) (xxx = 295 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6MC.27(II) (xxx = 295 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6MC.28(II) (xxx = 295 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6MC.29(II) (xxx = 295 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDEG20C.20 (xxx = 575 - 605, in increments of 5)  
120 half-cut cells: TSM-xxxDEG20C.25 (xxx = 575 - 605, in increments of 5)  
120 half-cut cells: TSM-xxxDEG20C.27 (xxx = 575 - 605, in increments of 5)  
120 half-cut cells: TSM-xxxDEG20C.28 (xxx = 575 - 605, in increments of 5)  
120 half-cut cells: TSM-xxxDEG20C.29 (xxx = 575 - 605, in increments of 5)  
120 half-cut cells: TSM-xxxDEG20.20 (xxx = 575 - 605, in increments of 5)  
120 half-cut cells: TSM-xxxDEG20.25 (xxx = 575 - 605, in increments of 5)  
120 half-cut cells: TSM-xxxDEG20.27 (xxx = 575 - 605, in increments of 5)  
120 half-cut cells: TSM-xxxDEG20.28 (xxx = 575 - 605, in increments of 5)  
120 half-cut cells: TSM-xxxDEG20.29 (xxx = 575 - 605, in increments of 5)  
132 half-cut cells: TSM-xxxDEG21C.20 (xxx = 635 - 675, in increments of 5)  
132 half-cut cells: TSM-xxxDEG21C.25 (xxx = 635 - 675, in increments of 5)  
132 half-cut cells: TSM-xxxDEG21C.27 (xxx = 635 - 675, in increments of 5)  
132 half-cut cells: TSM-xxxDEG21C.28 (xxx = 635 - 675, in increments of 5)  
132 half-cut cells: TSM-xxxDEG21C.29 (xxx = 635 - 675, in increments of 5)

110 half-cut cells: TSM-xxxDEG19C.20 (xxx = 525 - 550, in increments of 5)  
110 half-cut cells: TSM-xxxDEG19C.25 (xxx = 525 - 550, in increments of 5)  
110 half-cut cells: TSM-xxxDEG19C.27 (xxx = 525 - 550, in increments of 5)  
110 half-cut cells: TSM-xxxDEG19C.28 (xxx = 525 - 550, in increments of 5)  
110 half-cut cells: TSM-xxxDEG19C.29 (xxx = 525 - 550, in increments of 5)  
110 half-cut cells: TSM-xxxDEG19.20 (xxx = 525 - 555, in increments of 5)  
110 half-cut cells: TSM-xxxDEG19.25 (xxx = 525 - 555, in increments of 5)  
110 half-cut cells: TSM-xxxDEG19.27 (xxx = 525 - 555, in increments of 5)  
110 half-cut cells: TSM-xxxDEG19.28 (xxx = 525 - 555, in increments of 5)  
110 half-cut cells: TSM-xxxDEG19.29 (xxx = 525 - 555, in increments of 5)  
144 half-cut cells: TSM-xxxDEG18C.20 (xxx = 520 - 550, in increments of 5)  
144 half-cut cells: TSM-xxxDEG18C.25 (xxx = 520 - 550, in increments of 5)  
144 half-cut cells: TSM-xxxDEG18C.27 (xxx = 520 - 550, in increments of 5)  
144 half-cut cells: TSM-xxxDEG18C.28 (xxx = 520 - 550, in increments of 5)  
144 half-cut cells: TSM-xxxDEG18C.29 (xxx = 520 - 550, in increments of 5)  
120 half-cut cells: TSM-xxxDEG10C.20 (xxx = 425 - 450, in increments of 5)  
120 half-cut cells: TSM-xxxDEG10C.25 (xxx = 425 - 450, in increments of 5)  
120 half-cut cells: TSM-xxxDEG10C.27 (xxx = 425 - 450, in increments of 5)  
120 half-cut cells: TSM-xxxDEG10C.28 (xxx = 425 - 450, in increments of 5)  
120 half-cut cells: TSM-xxxDEG10C.29 (xxx = 425 - 450, in increments of 5)  
144 half-cut cells: TSM-xxxDEG18.20 (xxx = 520 - 550, in increments of 5)  
144 half-cut cells: TSM-xxxDEG18.25 (xxx = 520 - 550, in increments of 5)

144 half-cut cells: TSM-xxxDEG18.27 (xxx = 520 - 550, in increments of 5)  
 144 half-cut cells: TSM-xxxDEG18.28 (xxx = 520 - 550, in increments of 5)  
 144 half-cut cells: TSM-xxxDEG18.29 (xxx = 520 - 550, in increments of 5)  
 120 half-cut cells: TSM-xxxDEG10.20 (xxx = 425 - 450, in increments of 5)  
 120 half-cut cells: TSM-xxxDEG10.25 (xxx = 425 - 450, in increments of 5)  
 120 half-cut cells: TSM-xxxDEG10.27 (xxx = 425 - 450, in increments of 5)  
 120 half-cut cells: TSM-xxxDEG10.28 (xxx = 425 - 450, in increments of 5)  
 120 half-cut cells: TSM-xxxDEG10.29 (xxx = 425 - 450, in increments of 5)  
 72 cells: TSM-xxxDEG14(II) (xxx = 325 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG14.05(II) (xxx = 325 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG14.07(II) (xxx = 325 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG14.40(II) (xxx = 325 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG14.47(II) (xxx = 325 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG14.20(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG14.25(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG14.27(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG14.28(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG14.29(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG14C(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG14C.05(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG14C.07(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG14C.20(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG14C.25(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG14C.27(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG14C.28(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG14C.29(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG15(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG15.05(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG15.07(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG15.20(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG15.25(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG15.27(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG15.28(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG15.29(II) (xxx = 330 - 390, in increments of 5)

72 cells: TSM-xxxDEG15.40(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG15.47(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDEG15C(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG15C.05(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG15C.07(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG15C.20(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG15C.25(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG15C.27(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG15C.28(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxDEG15C.29(II) (xxx = 335 - 395, in increments of 5)  
 72 cells: TSM-xxxNEG14C(II) (xxx = 335 - 390, in increments of 5)  
 72 cells: TSM-xxxNEG14C.05(II) (xxx = 335 - 390, in increments of 5)  
 72 cells: TSM-xxxNEG14C.07(II) (xxx = 335 - 390, in increments of 5)  
 72 cells: TSM-xxxNEG14C.20(II) (xxx = 335 - 390, in increments of 5)  
 72 cells: TSM-xxxNEG14C.25(II) (xxx = 335 - 390, in increments of 5)  
 72 cells: TSM-xxxNEG14C.27(II) (xxx = 335 - 390, in increments of 5)  
 72 cells: TSM-xxxNEG14C.28(II) (xxx = 335 - 390, in increments of 5)  
 72 cells: TSM-xxxNEG14C.29(II) (xxx = 335 - 390, in increments of 5)  
 72 cells: TSM-xxxNEG15C(II) (xxx = 350 - 370, in increments of 5)  
 72 cells: TSM-xxxNEG15C.05(II) (xxx = 350 - 370, in increments of 5)  
 72 cells: TSM-xxxNEG15C.07(II) (xxx = 350 - 370, in increments of 5)  
 72 cells: TSM-xxxNEG15C.20(II) (xxx = 350 - 370, in increments of 5)  
 72 cells: TSM-xxxNEG15C.25(II) (xxx = 350 - 370, in increments of 5)  
 72 cells: TSM-xxxNEG15C.27(II) (xxx = 350 - 370, in increments of 5)  
 72 cells: TSM-xxxNEG15C.28(II) (xxx = 350 - 370, in increments of 5)  
 72 cells: TSM-xxxNEG15C.29(II) (xxx = 350 - 370, in increments of 5)  
 72 cells: TSM-xxxNEG16C(II) (xxx = 350 - 410, in increments of 5)  
 72 cells: TSM-xxxNEG16C.05(II) (xxx = 350 - 410, in increments of 5)  
 72 cells: TSM-xxxNEG16C.07(II) (xxx = 350 - 410, in increments of 5)  
 72 cells: TSM-xxxNEG16C.20(II) (xxx = 350 - 410, in increments of 5)  
 72 cells: TSM-xxxNEG16C.25(II) (xxx = 350 - 410, in increments of 5)  
 72 cells: TSM-xxxNEG16C.27(II) (xxx = 350 - 410, in increments of 5)  
 72 cells: TSM-xxxNEG16C.28(II) (xxx = 350 - 410, in increments of 5)  
 72 cells: TSM-xxxNEG16C.29(II) (xxx = 350 - 410, in increments of 5)  
 144 half-cut cells: TSM-xxxNEG14MC(II) (xxx = 350-380, in increments of 5)  
 144 half-cut cells: TSM-xxxNEG14MC.05(II) (xxx = 350 - 380, in increments of 5)  
 144 half-cut cells: TSM-xxxNEG14MC.25(II) (xxx = 350 - 380, in increments of 5)

144 half-cut cells: TSM-xxxNEG14MC.07(II) (xxx = 350 - 380, in increments of 5)  
144 half-cut cells: TSM-xxxNEG14MC.20(II) (xxx = 350 - 380, in increments of 5)  
144 half-cut cells: TSM-xxxNEG14MC.27(II) (xxx = 350 - 380, in increments of 5)  
144 half-cut cells: TSM-xxxNEG14MC.28(II) (xxx = 350 - 380, in increments of 5)  
144 half-cut cells: TSM-xxxNEG14MC.29(II) (xxx = 350 - 380, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15MC(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15MC.05(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15MC.25(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15MC.07(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15MC.20(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15MC.27(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15MC.28(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15MC.29(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16MC(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16MC.05(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16MC.25(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16MC.07(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16MC.20(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16MC.27(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16MC.28(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16MC.29(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16M(II) (xxx = 390 - 435, in increments of 5)

144 half-cut cells: TSM-xxxNEG16M.05(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16M.25(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16M.07(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16M.20(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16M.27(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16M.28(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG16M.29(II) (xxx = 390 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15M(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15M.05(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15M.25(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15M.07(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15M.20(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15M.27(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15M.28(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxNEG15M.29(II) (xxx = 350 - 420, in increments of 5)  
120 half-cut cells: TSM-xxxNEG20C.20 (xxx = 580 - 625, in increments of 5)  
120 half-cut cells: TSM-xxxNEG20C.25 (xxx = 580 - 625, in increments of 5)  
120 half-cut cells: TSM-xxxNEG20C.27 (xxx = 580 - 625, in increments of 5)  
120 half-cut cells: TSM-xxxNEG20C.28 (xxx = 580 - 625, in increments of 5)  
120 half-cut cells: TSM-xxxNEG20C.29 (xxx = 580 - 625, in increments of 5)  
110 half-cut cells: TSM-xxxNEG19C.20 (xxx = 530 - 570, in increments of 5)  
110 half-cut cells: TSM-xxxNEG19C.25 (xxx = 530 - 570, in increments of 5)

110 half-cut cells: TSM-xxxNEG19C.27 (xxx = 530 - 570, in increments of 5)  
110 half-cut cells: TSM-xxxNEG19C.29 (xxx = 530 - 570, in increments of 5)  
132 half-cut cells: TSM-xxxNEG21C.20 (xxx = 635 - 690, in increments of 5)  
132 half-cut cells: TSM-xxxNEG21C.25 (xxx = 635 - 690, in increments of 5)  
132 half-cut cells: TSM-xxxNEG21C.25 (xxx = 635 - 690, in increments of 5)  
132 half-cut cells: TSM-xxxHEG21C.20 (xxx = 640 - 685, in increments of 5)  
132 half-cut cells: TSM-xxxHEG21C.25 (xxx = 640 - 685, in increments of 5)  
132 half-cut cells: TSM-xxxHEG21C.27 (xxx = 640 - 685, in increments of 5)  
132 half-cut cells: TSM-xxxHEG21C.28 (xxx = 640 - 685, in increments of 5)  
132 half-cut cells: TSM-xxxHEG21C.29 (xxx = 640 - 685, in increments of 5)  
120 half-cut cells: TSM-xxxHEG20C.20 (xxx = 585 - 620, in increments of 5)  
120 half-cut cells: TSM-xxxHEG20C.25 (xxx = 585 - 620, in increments of 5)  
120 half-cut cells: TSM-xxxHEG20C.27 (xxx = 585 - 620, in increments of 5)  
120 half-cut cells: TSM-xxxHEG20C.28 (xxx = 585 - 620, in increments of 5)  
120 half-cut cells: TSM-xxxHEG20C.29 (xxx = 585 - 620, in increments of 5)  
110 half-cut cells: TSM-xxxHEG19C.20 (xxx = 305 - 330, in increments of 5)  
110 half-cut cells: TSM-xxxHEG19C.25 (xxx = 305 - 330, in increments of 5)  
110 half-cut cells: TSM-xxxHEG19C.27 (xxx = 305 - 330, in increments of 5)  
110 half-cut cells: TSM-xxxHEG19C.28 (xxx = 305 - 330, in increments of 5)  
110 half-cut cells: TSM-xxxHEG19C.28 (xxx = 305 - 330, in increments of 5)  
144 half-cut cells: TSM-xxxDEG14M(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG14M.05(II) (xxx = 345 - 415, in increments of 5)



144 half-cut cells: TSM-xxxDEG14M.07(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG14M.20 (II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG14M.25(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG14M.27(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG14M.28(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG14M.29(II) (xxx = 345 - 415, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15M(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15M.05(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15M.07(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15M.20(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15M.25(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15M.27(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15M.28(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15M.29(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15M.40(II) (xxx = 350 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDEG15M.47(II) (xxx = 350 - 420, in increments of 5)  
252 half-cut cells: TSM-xxxDEG15VC.20(II) (xxx = 465-490, in increments of 5)  
252 half-cut cells: TSM-xxxDEG15VC.25(II) (xxx = 465-490, in increments of 5)  
252 half-cut cells: TSM-xxxDEG15VC.27(II) (xxx = 465-490, in increments of 5)  
252 half-cut cells: TSM-xxxDEG15VC.28(II) (xxx = 465-490, in increments of 5)  
252 half-cut cells: TSM-xxxDEG15VC.29(II) (xxx = 465-490, in increments of 5)  
60 cells: TSM-xxxDEG5(II) (xxx = 260 - 325, in increments of 5)  
60 cells: TSM-xxxDEG5.05(II) (xxx = 260 - 325, in increments of 5)

60 cells: TSM-xxxDEG5.07(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG5.40(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG5.47(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG5.50(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG5.20(II) (xxx = 275 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG5.25(II) (xxx = 275 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG5.27(II) (xxx = 275 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG5.28(II) (xxx = 275 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG5.29(II) (xxx = 275 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG5C(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG5C.05(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG5C.07(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG5C.20(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG5C.25(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG5C.27(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG5C.28(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG5C.29(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG6(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG6.05(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG6.07(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG6.40(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG6.47(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG6.20(II) (xxx = 275 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG6.25(II) (xxx = 275 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG6.27(II) (xxx = 275 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG6.28(II) (xxx = 275 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG6.29(II) (xxx = 275 - 325, in increments of 5)  
 60 cells: TSM-xxxDEG6C(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG6C.05(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG6C.07(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG6C.20(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG6C.25(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG6C.27(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG6C.28(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxDEG6C.29(II) (xxx = 275 - 330, in increments of 5)  
 60 cells: TSM-xxxNEG5C(II) (xxx = 280 - 320, in increments of 5)  
 60 cells: TSM-xxxNEG5C.05(II) (xxx = 280-320, in increments of 5)  
 60 cells: TSM-xxxNEG5C.07(II) (xxx = 280-320, in increments of 5)  
 60 cells: TSM-xxxNEG5C.20(II) (xxx = 280-320, in increments of 5)  
 60 cells: TSM-xxxNEG5C.25(II) (xxx = 280-320, in increments of 5)

60 cells: TSM-xxxNEG5C.27(II) (xxx = 280-320, in increments of 5)  
 60 cells: TSM-xxxNEG5C.28(II) (xxx = 280-320, in increments of 5)  
 60 cells: TSM-xxxNEG5C.29(II) (xxx = 280-320, in increments of 5)  
 60 cells: TSM-xxxNEG6C(II) (xxx = 295 - 305, in increments of 5)  
 60 cells: TSM-xxxNEG6C.05(II) (xxx = 295 - 305, in increments of 5)  
 60 cells: TSM-xxxNEG6C.07(II) (xxx = 295 - 305, in increments of 5)  
 60 cells: TSM-xxxNEG6C.20(II) (xxx = 295 - 305, in increments of 5)  
 60 cells: TSM-xxxNEG6C.25(II) (xxx = 295 - 305, in increments of 5)  
 60 cells: TSM-xxxNEG6C.27(II) (xxx = 295 - 305, in increments of 5)  
 60 cells: TSM-xxxNEG6C.28(II) (xxx = 295 - 305, in increments of 5)  
 60 cells: TSM-xxxNEG6C.29(II) (xxx = 295 - 305, in increments of 5)  
 60 cells: TSM-xxxNEG7C(II) (xxx = 295 - 340, in increments of 5)  
 60 cells: TSM-xxxNEG7C.05(II) (xxx = 295 - 340, in increments of 5)  
 60 cells: TSM-xxxNEG7C.07(II) (xxx = 295 - 340, in increments of 5)  
 60 cells: TSM-xxxNEG7C.20(II) (xxx = 295 - 340, in increments of 5)  
 60 cells: TSM-xxxNEG7C.25(II) (xxx = 295 - 340, in increments of 5)  
 60 cells: TSM-xxxNEG7C.27(II) (xxx = 295 - 340, in increments of 5)  
 60 cells: TSM-xxxNEG7C.28(II) (xxx = 295 - 340, in increments of 5)  
 60 cells: TSM-xxxNEG7C.29(II) (xxx = 295 - 340, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG5MC(II) (xxx = 295 - 315, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG5MC.05(II) (xxx = 295 - 315, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG5MC.07(II) (xxx = 295 - 315, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG5MC.20(II) (xxx = 295 - 315, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG5MC.25(II) (xxx = 295 - 315, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG5MC.27(II) (xxx = 295 - 315, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG5MC.28(II) (xxx = 295 - 315, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG5MC.29(II) (xxx = 295 - 315, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG6MC(II) (xxx = 295 - 345, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG6MC.05(II) (xxx = 295 - 345, in increments of 5)  
 120 half-cut cells: TSM-xxxNEG6MC.07(II) (xxx = 295 - 345, in increments of 5)

120 half-cut cells: TSM-xxxNEG6MC.20(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6MC.25(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6MC.27(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6MC.28(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6MC.29(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7MC(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7MC.05(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7MC.07(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7MC.20(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7MC.25(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7MC.27(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7MC.28(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7MC.29(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7M(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7M.05(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7M.07(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7M.20(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7M.25(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7M.27(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7M.28(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG7M.29(II) (xxx = 325 - 360, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6M(II) (xxx = 295 - 345, in increments of 5)

120 half-cut cells: TSM-xxxNEG6M.05(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6M.25(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6M.07(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6M.20(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6M.27(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6M.28(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxNEG6M.29(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5M(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5M.05(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5M.07(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5M.20(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5M.25(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5M.27(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5M.28(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG5M.29(II) (xxx = 285 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6M(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6M.05(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6M.07(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6M.40(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6M.47(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6M.20(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6M.25(II) (xxx = 295 - 345, in increments of 5)

120 half-cut cells: TSM-xxxDEG6M.27(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6M.28(II) (xxx = 295 - 345, in increments of 5)  
120 half-cut cells: TSM-xxxDEG6M.29(II) (xxx = 295 - 345, in increments of 5)  
40 cells: TSM-xxxDEG40(II) (xxx = 180 - 200, in increments of 5)  
40 cells: TSM-xxxDEG40.07(II) (xxx = 180 - 200, in increments of 5)  
40 cells: TSM-xxxDEG40.40(II) (xxx = 180 - 200, in increments of 5)  
40 cells: TSM-xxxDEG40.47(II) (xxx = 180 - 200, in increments of 5)  
40 cells: TSM-xxxDEG40.50(II) (xxx = 180 - 200, in increments of 5)  
144 half-cut cells: TSM-xxxDEG17M(II) (xxx = 425 - 460, in increments of 5)  
144 half-cut cells: TSM-xxxDEG17M.07(II) (xxx = 425 - 460, in increments of 5)  
144 half-cut cells: TSM-xxxDEG17M.25(II) (xxx = 425 - 460, in increments of 5)  
144 half-cut cells: TSM-xxxDEG17M.20(II) (xxx = 425 - 460, in increments of 5)  
144 half-cut cells: TSM-xxxDEG17M.27(II) (xxx = 425 - 460, in increments of 5)  
144 half-cut cells: TSM-xxxDEG17M.28(II) (xxx = 425 - 460, in increments of 5)  
144 half-cut cells: TSM-xxxDEG17M.29(II) (xxx = 425 - 460, in increments of 5)  
144 half-cut cells: TSM-xxxDEG17M.40(II) (xxx = 425 - 460, in increments of 5)  
144 half-cut cells: TSM-xxxDEG17M.47(II) (xxx = 425 - 460, in increments of 5)  
150 half-cut cells: TSM-xxxDEG18M(II) (xxx = 460 - 500, in increments of 5)  
150 half-cut cells: TSM-xxxDEG18M.05(II) (xxx = 460 - 500, in increments of 5)  
150 half-cut cells: TSM-xxxDEG18M(II).25 (xxx = 460 - 500, in increments of 5)  
150 half-cut cells: TSM-xxxDEG18M(II).07 (xxx = 460 - 500, in increments of 5)  
150 half-cut cells: TSM-xxxDEG18M(II).20 (xxx = 460 - 500, in increments of 5)  
150 half-cut cells: TSM-xxxDEG18M(II).27 (xxx = 460 - 500, in increments of 5)  
150 half-cut cells: TSM-xxxDEG18M(II).28 (xxx = 460 - 500, in increments of 5)

150 half-cut cells: TSM-xxxDEG18M(II).29 (xxx = 460 - 500, in increments of 5)

120 half-cut cells: TSM-xxxDEG8M(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8M.05(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8M.25(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8M.07(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8M.20(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8M.27(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8M.28(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8M.29(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8M.40(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8M.47(II) (xxx = 355 - 380, in increments of 5)

144 half-cut cells: TSM-xxxDEG17MC(II) (xxx = 425 - 460, in increments of 5)

144 half-cut cells: TSM-xxxDEG17MC.05(II) (xxx = 425 - 460, in increments of 5)

144 half-cut cells: TSM-xxxDEG17MC.25(II) (xxx = 425 - 460, in increments of 5)

144 half-cut cells: TSM-xxxDEG17MC.07(II) (xxx = 425 - 460, in increments of 5)

144 half-cut cells: TSM-xxxDEG17MC.20(II) (xxx = 425 - 460, in increments of 5)

144 half-cut cells: TSM-xxxDEG17MC.27(II) (xxx = 425 - 460, in increments of 5)

144 half-cut cells: TSM-xxxDEG17MC.28(II) (xxx = 425 - 460, in increments of 5)

144 half-cut cells: TSM-xxxDEG17MC.29(II) (xxx = 425 - 460, in increments of 5)

150 half-cut cells: TSM-xxxDEG18MC(II) (xxx = 460 - 500, in increments of 5)

150 half-cut cells: TSM-xxxDEG18MC.05(II) (xxx = 460 - 500, in increments of 5)

150 half-cut cells: TSM-xxxDEG18MC.25(II) (xxx = 460 - 500, in increments of 5)



150 half-cut cells: TSM-xxxDEG18MC.07(II) (xxx = 460 - 500, in increments of 5)

150 half-cut cells: TSM-xxxDEG18MC.20(II) (xxx = 460 - 500, in increments of 5)

150 half-cut cells: TSM-xxxDEG18MC.27(II) (xxx = 460 - 500, in increments of 5)

150 half-cut cells: TSM-xxxDEG18MC.28(II) (xxx = 460 - 500, in increments of 5)

150 half-cut cells: TSM-xxxDEG18MC.29(II) (xxx = 460 - 500, in increments of 5)

150 half-cut cells: TSM-xxxNEG18MC.20(II) (xxx = 500 - 520, in increments of 5)

150 half-cut cells: TSM-xxxNEG18MC.25(II) (xxx = 500 - 520, in increments of 5)

150 half-cut cells: TSM-xxxNEG18MC.27(II) (xxx = 500 - 520, in increments of 5)

150 half-cut cells: TSM-xxxNEG18MC.28(II) (xxx = 500 - 520, in increments of 5)

150 half-cut cells: TSM-xxxNEG18MC.29(II) (xxx = 500 - 520, in increments of 5)

150 half-cut cells: TSM-xxxNEG18MC.30(II) (xxx = 500 - 520, in increments of 5)

120 half-cut cells: TSM-xxxNEG9.20 (xxx = 405-415, in increments of 5)

120 half-cut cells: TSM-xxxNEG9.25 (xxx = 405-415, in increments of 5)

120 half-cut cells: TSM-xxxNEG9.27 (xxx = 405-415, in increments of 5)

120 half-cut cells: TSM-xxxNEG9.28 (xxx = 405-415, in increments of 5)

120 half-cut cells: TSM-xxxNEG9.29 (xxx = 405-415, in increments of 5)

120 half-cut cells: TSM-xxxDEG8MC(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8MC.05(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8MC.25(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8MC.07(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8MC.20(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8MC.27(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8MC.28(II) (xxx = 355 - 380, in increments of 5)

120 half-cut cells: TSM-xxxDEG8MC.29(II) (xxx = 355 - 380, in increments of 5)



156 half-cut cells: TSM-xxxNEG15XC(II) (xxx = 425 - 445, in increments of 5)

156 half-cut cells: TSM-xxxNEG15XC.05(II) (xxx = 425 - 445, in increments of 5)

156 half-cut cells: TSM-xxxNEG15XC.25(II) (xxx = 425 - 445, in increments of 5)

156 half-cut cells: TSM-xxxNEG15XC.07(II) (xxx = 425 - 445, in increments of 5)

156 half-cut cells: TSM-xxxNEG15XC.20(II) (xxx = 425 - 445, in increments of 5)

156 half-cut cells: TSM-xxxNEG15XC.27(II) (xxx = 425 - 445, in increments of 5)

156 half-cut cells: TSM-xxxNEG15XC.28(II) (xxx = 425 - 445, in increments of 5)

156 half-cut cells: TSM-xxxNEG15XC.29(II) (xxx = 425 - 445, in increments of 5)

156 half-cut cells: TSM-xxxDEG17XC.25(II) (xxx = 445 - 490, in increments of 5)

156 half-cut cells: TSM-xxxDEG17XC.20(II) (xxx = 445 - 490, in increments of 5)

156 half-cut cells: TSM-xxxDEG17XC.27(II) (xxx = 445 - 490, in increments of 5)

156 half-cut cells: TSM-xxxDEG17XC.28(II) (xxx = 445 - 490, in increments of 5)

156 half-cut cells: TSM-xxxDEG17XC.29(II) (xxx = 445 - 490, in increments of 5)

156 half-cut cells: TSM-xxxHEG15XKC.203 (xxx = 435-455, in increments of 5)

156 half-cut cells: TSM-xxxHEG15XKC.253 (xxx = 435-455, in increments of 5)

156 half-cut cells: TSM-xxxHEG15XKC.273 (xxx = 435-455, in increments of 5)

156 half-cut cells: TSM-xxxHEG15XKC.283 (xxx = 435-455, in increments of 5)

156 half-cut cells: TSM-xxxHEG15XKC.293 (xxx = 435-455, in increments of 5)

156 half-cut cells: TSM-xxxDEG17X.25(II) (xxx = 445-490, in increments of 5)

156 half-cut cells: TSM-xxxDEG17X.20(II) (xxx = 445-490, in increments of 5)

156 half-cut cells: TSM-xxxDEG17X.27(II) (xxx = 445-490, in increments of 5)

156 half-cut cells: TSM-xxxDEG17X.28(II) (xxx = 445-490, in increments of 5)

156 half-cut cells: TSM-xxxDEG17X.29(II) (xxx = 445-490, in increments of 5)  
182 half-cut cells: TSM-xxxHEG15YKC.20 (xxx = 515-530, in increments of 5)  
182 half-cut cells: TSM-xxxHEG15YKC.25 (xxx = 515-530, in increments of 5)  
182 half-cut cells: TSM-xxxHEG15YKC.27 (xxx = 515-530, in increments of 5)  
182 half-cut cells: TSM-xxxHEG15YKC.28 (xxx = 515-530, in increments of 5)  
182 half-cut cells: TSM-xxxHEG15YKC.29 (xxx = 515-530, in increments of 5)  
168 half-cut cells: TSM-xxxHEG15VKC.20 (xxx = 475-485, in increments of 5)  
168 half-cut cells: TSM-xxxHEG15VKC.25 (xxx = 475-485, in increments of 5)  
168 half-cut cells: TSM-xxxHEG15VKC.27 (xxx = 475-485, in increments of 5)  
168 half-cut cells: TSM-xxxHEG15VKC.28 (xxx = 475-485, in increments of 5)  
168 half-cut cells: TSM-xxxHEG15VKC.29 (xxx = 475-485, in increments of 5)  
130 half-cut cells: TSM-xxxHEG6XKC.20 (xxx = 370-375, in increments of 5)  
130 half-cut cells: TSM-xxxHEG6XKC.25 (xxx = 370-375, in increments of 5)  
130 half-cut cells: TSM-xxxHEG6XKC.27 (xxx = 370-375, in increments of 5)  
130 half-cut cells: TSM-xxxHEG6XKC.28 (xxx = 370-375, in increments of 5)  
130 half-cut cells: TSM-xxxHEG6XKC.29 (xxx = 370-375, in increments of 5)  
156 half-cut cells: TSM-xxxHEG15XC.20 (xxx = 440-460, in increments of 5)  
156 half-cut cells: TSM-xxxHEG15XC.25 (xxx = 440-460, in increments of 5)  
156 half-cut cells: TSM-xxxHEG15XC.27 (xxx = 440-460, in increments of 5)  
156 half-cut cells: TSM-xxxHEG15XC.28 (xxx = 440-460, in increments of 5)  
156 half-cut cells: TSM-xxxHEG15XC.29 (xxx = 440-460, in increments of 5)  
144 half-cut cells: TSM-xxxHEG15C.20 (xxx = 410-425, in increments of 5)

144 half-cut cells: TSM-xxxHEG15C.25 (xxx = 410-425, in increments of 5)

144 half-cut cells: TSM-xxxHEG15C.27 (xxx = 410-425, in increments of 5)

144 half-cut cells: TSM-xxxHEG15C.28 (xxx = 410-425, in increments of 5)

144 half-cut cells: TSM-xxxHEG15C.29 (xxx = 410-425, in increments of 5)

120 half-cut cells: TSM-xxxHEG6C.20 (xxx = 340-350, in increments of 5)

120 half-cut cells: TSM-xxxHEG6C.25 (xxx = 340-350, in increments of 5)

120 half-cut cells: TSM-xxxHEG6C.27 (xxx = 340-350, in increments of 5)

120 half-cut cells: TSM-xxxHEG6C.28 (xxx = 340-350, in increments of 5)

120 half-cut cells: TSM-xxxHEG6C.29 (xxx = 340-350, in increments of 5)

Maximum system voltage: 1500V

Fuse rating: 20A

Application class: Class A

Electrical protection class: Class II

Module types:

**Double Glass PV Modules with Poly-crystalline Silicon Solar Cells:**

336 1/5-cut cells: TSM-xxxPEG5ZV (xxx = 280 - 300, in increments of 5)

336 1/5-cut cells: TSM-xxxPEG5ZV.05 (xxx = 280 - 300, in increments of 5)

336 1/5-cut cells: TSM-xxxPEG5ZV.07 (xxx = 280 - 300, in increments of 5)

336 1/5-cut cells: TSM-xxxPEG5ZV.40 (xxx = 280 - 300, in increments of 5)

336 1/5-cut cells: TSM-xxxPEG5ZV.47 (xxx = 280 - 300, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.05 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.07 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.20 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.25 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.27 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.28 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG14H.29 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H.40 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H.47 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H(II) (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H(II).05 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H(II).07 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H(II).20 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H(II).25 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H(II).27 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H(II).28 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H(II).29 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H(II).40 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14H(II).47 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H.05 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H.07 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H.20 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H.25 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H.27 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H.28 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H.29 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H.40 (xxx = 305 - 370, in increments of 5)

144 half-cut cells: TSM-xxxPEG15H.47 (xxx = 305 - 370, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H(II) (xxx = 305 - 400, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H(II).05 (xxx = 305 - 400, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H(II).07 (xxx = 305 - 400, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H(II).20 (xxx = 305 - 400, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H(II).25 (xxx = 305 - 400, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H(II).27 (xxx = 305 - 400, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H(II).28 (xxx = 305 - 400, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H(II).29 (xxx = 305 - 400, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H(II).40 (xxx = 305 - 400, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15H(II).47 (xxx = 305 - 400, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H.05 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H.07 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H.20 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H.25 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H.27 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H.28 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H.29 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H.40 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H.47 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.05 (xxx = 255 - 310, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.07 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.20 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.25 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.27 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.28 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.29 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.40 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.47 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H(II) (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H(II).05 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H(II).07 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H(II).20 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H(II).25 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H(II).27 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H(II).28 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H(II).29 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H(II).40 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5H(II).47 (xxx = 255 - 310, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H(II) (xxx = 255 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.05(II) (xxx = 255 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.07(II) (xxx = 255 - 330, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6H.20(II) (xxx = 255 - 330, in increments of 5)

120 half-cut cells: TSM-xxxPEG6H.25(II) (xxx = 255 - 330, in increments of 5)  
 120 half-cut cells: TSM-xxxPEG6H.27(II) (xxx = 255 - 330, in increments of 5)  
 120 half-cut cells: TSM-xxxPEG6H.28(II) (xxx = 255 - 330, in increments of 5)  
 120 half-cut cells: TSM-xxxPEG6H.29(II) (xxx = 255 - 330, in increments of 5)  
 120 half-cut cells: TSM-xxxPEG6H.40(II) (xxx = 255 - 330, in increments of 5)  
 120 half-cut cells: TSM-xxxPEG6H.47(II) (xxx = 255 - 330, in increments of 5)  
 72 cells: TSM-xxxPEG14 (xxx = 280 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.05 (xxx = 280 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.07 (xxx = 280 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.40 (xxx = 280 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.47 (xxx = 280 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.20 (xxx = 295 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.25 (xxx = 295 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.27 (xxx = 295 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.28 (xxx = 295 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.29 (xxx = 295 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.05(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.07(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.20(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.25(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.27(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.28(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.29(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.40(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG14.47(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG15 (xxx = 280 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG15.05 (xxx = 280 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG15.07 (xxx = 280 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG15.20 (xxx = 295 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG15.25 (xxx = 295 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG15.27 (xxx = 295 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG15.28 (xxx = 295 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG15.29 (xxx = 295 - 360, in increments of 5)  
 72 cells: TSM-xxxPEG15.40 (xxx = 295 - 360, in increments of 5)



72 cells: TSM-xxxPEG15.47 (xxx = 295 - 360, in increments of 5)  
72 cells: TSM-xxxPEG15(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPEG15.05(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPEG15.07(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPEG15.20(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPEG15.25(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPEG15.27(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPEG15.28(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPEG15.29(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPEG15.40(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPEG15.47(II) (xxx = 300 - 360, in increments of 5)  
60 cells: TSM-xxxPEG5 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.05 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.07 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.40 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.47 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.50 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.20 (xxx = 245 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.25 (xxx = 245 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.27 (xxx = 245 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.28 (xxx = 245 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.29 (xxx = 245 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.05(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.07(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.20 (II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.25(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.27(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.28(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.29(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.40(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.47(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG5.50(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.05 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.07 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.20 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.25 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.27 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.28 (xxx = 230 - 300, in increments of 5)



60 cells: TSM-xxxPEG6.29 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.40 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.47 (xxx = 230 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.05(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.07(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.20 (II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.25(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.27(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.28(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.29(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.40(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPEG6.47(II) (xxx = 260 - 300, in increments of 5)  
40 cells: TSM-xxxPEG40 (xxx = 160 - 175, in increments of 5)  
40 cells: TSM-xxxPEG40.07 (xxx = 160 - 175, in increments of 5)  
40 cells: TSM-xxxPEG40.40 (xxx = 160 - 175, in increments of 5)  
40 cells: TSM-xxxPEG40.47 (xxx = 160 - 175, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14M(II) (xxx = 330 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14M.05(II) (xxx = 330 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14M.07(II) (xxx = 330 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14M.20(II) (xxx = 330 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14M.25(II) (xxx = 330 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14M.27(II) (xxx = 330 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14M.28(II) (xxx = 330 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14M.29(II) (xxx = 330 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14M.40(II) (xxx = 330 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPEG14M.47(II) (xxx = 330 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15M(II) (xxx = 340 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15M.05(II) (xxx = 340 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15M.07(II) (xxx = 340 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPEG15M.20(II) (xxx = 340 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15M.25(II) (xxx = 340 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15M.27(II) (xxx = 340 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15M.28(II) (xxx = 340 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15M.29(II) (xxx = 340 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15M.40(II) (xxx = 340 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPEG15M.47(II) (xxx = 340 - 405, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M.05(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M.07(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M.20(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M.25(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M.27(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M.28(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M.28(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M.29(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M.40(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG5M.47(II) (xxx = 275 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6M(II) (xxx = 280 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6M.05(II) (xxx = 280 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6M.07(II) (xxx = 280 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6M.20(II) (xxx = 280 - 335, in increments of 5)

120 half-cut cells: TSM-xxxPEG6M.25(II) (xxx = 280 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6M.27(II) (xxx = 280 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6M.28(II) (xxx = 280 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6M.29(II) (xxx = 280 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6M.40(II) (xxx = 280 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPEG6M.47(II) (xxx = 280 - 335, in increments of 5)  
144 half-cut cells: TSM-xxxPEG17MC(II) (xxx = 410 - 445, in increments of 5)  
144 half-cut cells: TSM-xxxPEG17MC.05(II) (xxx = 410 - 445, in increments of 5)  
144 half-cut cells: TSM-xxxPEG17MC.25(II) (xxx = 410 - 445, in increments of 5)  
144 half-cut cells: TSM-xxxPEG17MC.07(II) (xxx = 410 - 445, in increments of 5)  
144 half-cut cells: TSM-xxxPEG17MC.20(II) (xxx = 410 - 445, in increments of 5)  
144 half-cut cells: TSM-xxxPEG17MC.27(II) (xxx = 410 - 445, in increments of 5)  
144 half-cut cells: TSM-xxxPEG17MC.28(II) (xxx = 410 - 445, in increments of 5)  
144 half-cut cells: TSM-xxxPEG17MC.29(II) (xxx = 410 - 445, in increments of 5)  
120 half-cut cells: TSM-xxxPEG8MC(II) (xxx = 350 - 365, in increments of 5)  
120 half-cut cells: TSM-xxxPEG8MC.05(II) (xxx = 350 - 365, in increments of 5)  
120 half-cut cells: TSM-xxxPEG8MC.25(II) (xxx = 350 - 365, in increments of 5)  
120 half-cut cells: TSM-xxxPEG8MC.07(II) (xxx = 350 - 365, in increments of 5)  
120 half-cut cells: TSM-xxxPEG8MC.20(II) (xxx = 350 - 365, in increments of 5)  
120 half-cut cells: TSM-xxxPEG8MC.27(II) (xxx = 350 - 365, in increments of 5)  
120 half-cut cells: TSM-xxxPEG8MC.28(II) (xxx = 350 - 365, in increments of 5)  
120 half-cut cells: TSM-xxxPEG8MC.29(II) (xxx = 350 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPEG17M(II) (xxx = 410 - 445, in increments of 5)

144 half-cut cells: TSM-xxxPEG17M.05(II) (xxx = 410 - 445, in increments of 5)

144 half-cut cells: TSM-xxxPEG17M.25(II) (xxx = 410 - 445, in increments of 5)

144 half-cut cells: TSM-xxxPEG17M.07(II) (xxx = 410 - 445, in increments of 5)

144 half-cut cells: TSM-xxxPEG17M.20(II) (xxx = 410 - 445, in increments of 5)

144 half-cut cells: TSM-xxxPEG17M.27(II) (xxx = 410 - 445, in increments of 5)

144 half-cut cells: TSM-xxxPEG17M.28(II) (xxx = 410 - 445, in increments of 5)

144 half-cut cells: TSM-xxxPEG17M.29(II) (xxx = 410 - 445, in increments of 5)

120 half-cut cells: TSM-xxxPEG8M(II) (xxx = 350 - 365, in increments of 5)

120 half-cut cells: TSM-xxxPEG8M.05(II) (xxx = 350 - 365, in increments of 5)

120 half-cut cells: TSM-xxxPEG8M.25(II) (xxx = 350 - 365, in increments of 5)

120 half-cut cells: TSM-xxxPEG8M.07(II) (xxx = 350 - 365, in increments of 5)

120 half-cut cells: TSM-xxxPEG8M.20(II) (xxx = 350 - 365, in increments of 5)

120 half-cut cells: TSM-xxxPEG8M.27(II) (xxx = 350 - 365, in increments of 5)

120 half-cut cells: TSM-xxxPEG8M.28(II) (xxx = 350 - 365, in increments of 5)

120 half-cut cells: TSM-xxxPEG8M.29(II) (xxx = 350 - 365, in increments of 5)

Maximum system voltage: 1500V

Fuse rating: 20A

Application class: Class A

Electrical protection class: Class II

Module types:

**Single Glass PV Modules with Mono-crystalline Silicon Solar Cells:**

72 cells: TSM-xxxDE14A(II) (xxx = 330 - 390, in increments of 5)

72 cells: TSM-xxxDE14A.08(II) (xxx = 330 - 390, in increments of 5)

72 cells: TSM-xxxDE14A.09(II) (xxx = 330 - 390, in increments of 5)

72 cells: TSM-xxxDE14A.T0(II) (xxx = 330 - 390, in increments of 5)

72 cells: TSM-xxxDE14A.T8(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDE14A.T9(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDE14A.05(II) (xxx = 330 - 390, in increments of 5)  
 72 cells: TSM-xxxDE14B(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE14B.08(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE14B.09(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15A(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15A.08(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15A.09(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15A.T0(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15A.T8(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15A.T9(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15A.08(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15A.05(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15B(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15B.08(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDE15B.09(II) (xxx = 330 - 385, in increments of 5)  
 60 cells: TSM-xxxDE05A(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE05A.08(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE05A.09(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE05A.10(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE05A.18(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE05A.50(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE06A(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE06A.08(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE06A.09(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE06A.T0(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE06A.T8(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE06A.T9(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE06A.05(II) (xxx = 230 - 325, in increments of 5)  
 60 cells: TSM-xxxDE06A.50(II) (xxx = 230 - 325, in increments of 5)  
 96 half-cut cells: TSM-xxxDE061M(II) (xxx = 240 - 280, in increments of 5)  
 96 half-cut cells: TSM-xxxDE061M.08(II) (xxx = 240 - 280, in increments of 5)  
 96 half-cut cells: TSM-xxxDE061M.09(II) (xxx = 240 - 280, in increments of 5)  
 96 half-cut cells: TSM-xxxDE061M.T0(II) (xxx = 240 - 280, in increments of 5)  
 96 half-cut cells: TSM-xxxDE061M.T8(II) (xxx = 240 - 280, in increments of 5)

96 half-cut cells: TSM-xxxDE061M.T9(II) (xxx = 240 - 280, in increments of 5)

96 half-cut cells: TSM-xxxDE061M.05(II) (xxx = 240 - 280, in increments of 5)

96 half-cut cells: TSM-xxxDE061M.10(II) (xxx = 240 - 280, in increments of 5)

96 half-cut cells: TSM-xxxDE061M.18(II) (xxx = 240 - 280, in increments of 5)

144 half-cut cells: TSM-xxxDE18 (xxx = 515 - 555, in increments of 5)

144 half-cut cells: TSM-xxxDE18.05 (xxx = 515 - 555, in increments of 5)

144 half-cut cells: TSM-xxxDE18.08 (xxx = 515 - 555, in increments of 5)

144 half-cut cells: TSM-xxxDE18.09 (xxx = 515 - 555, in increments of 5)

144 half-cut cells: TSM-xxxDE18.T0 (xxx = 515 - 555, in increments of 5)

144 half-cut cells: TSM-xxxDE18.T8 (xxx = 515 - 555, in increments of 5)

144 half-cut cells: TSM-xxxDE18.T9 (xxx = 515 - 555, in increments of 5)

120 half-cut cells: TSM-xxxDE10 (xxx = 430 - 455, in increments of 5)

120 half-cut cells: TSM-xxxDE10.05 (xxx = 430 - 455, in increments of 5)

120 half-cut cells: TSM-xxxDE10.08 (xxx = 430 - 455, in increments of 5)

120 half-cut cells: TSM-xxxDE10.09 (xxx = 430 - 455, in increments of 5)

120 half-cut cells: TSM-xxxDE10.T0 (xxx = 430 - 455, in increments of 5)

120 half-cut cells: TSM-xxxDE10.T8 (xxx = 430 - 455, in increments of 5)

120 half-cut cells: TSM-xxxDE10.T9 (xxx = 430 - 455, in increments of 5)

144 half-cut cells: TSM-xxxDE14H(II) (xxx = 335 - 405, in increments of 5)

144 half-cut cells: TSM-xxxDE14H.08(II) (xxx = 335 - 405, in increments of 5)

144 half-cut cells: TSM-xxxDE14H.09(II) (xxx = 335 - 405, in increments of 5)

144 half-cut cells: TSM-xxxDE14H.10(II) (xxx = 335 - 405, in increments of 5)

144 half-cut cells: TSM-xxxDE14H.18(II) (xxx = 335 - 405, in increments of 5)

144 half-cut cells: TSM-xxxDE14HB(II) (xxx = 330 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDE14HB.08(II) (xxx = 330 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDE14HB.09(II) (xxx = 330 - 395, in increments of 5)

144 half-cut cells: TSM-xxxDE15H(II) (xxx = 330 - 425, in increments of 5)

144 half-cut cells: TSM-xxxDE15H.08(II) (xxx = 330 - 425, in increments of 5)

144 half-cut cells: TSM-xxxDE15H.09(II) (xxx = 330 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDE15H.10(II) (xxx = 330 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDE15H.18(II) (xxx = 330 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDE15HB(II) (xxx = 330 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDE15HB.08(II) (xxx = 330 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDE15HB.09(II) (xxx = 330 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDE15HB.T0(II) (xxx = 330 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDE15HB.T8(II) (xxx = 330 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDE15HB.T9(II) (xxx = 330 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDE15HB.05(II) (xxx = 330 - 425, in increments of 5)  
144 half-cut cells: TSM-xxxDE15M(II) (xxx = 335 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDE15M.08(II) (xxx = 335 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDE15M.09(II) (xxx = 335 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDE15M.10(II) (xxx = 335 - 420, in increments of 5)  
144 half-cut cells: TSM-xxxDE15M.18(II) (xxx = 335 - 420, in increments of 5)  
150 half-cut cells: TSM-xxxDE18M(II) (xxx = 470 - 520, in increments of 5)  
150 half-cut cells: TSM-xxxDE18M.08(II) (xxx = 470 - 520, in increments of 5)  
150 half-cut cells: TSM-xxxDE18M.09(II) (xxx = 470 - 520, in increments of 5)  
150 half-cut cells: TSM-xxxDE18M.T0(II) (xxx = 470 - 520, in increments of 5)  
150 half-cut cells: TSM-xxxDE18M.T8(II) (xxx = 470 - 520, in increments of 5)  
150 half-cut cells: TSM-xxxDE18M.T9(II) (xxx = 470 - 520, in increments of 5)  
120 half-cut cells: TSM-xxxDE20 (xxx = 575 - 610, in increments of 5)  
120 half-cut cells: TSM-xxxDE20.05 (xxx = 575 - 610, in increments of 5)



120 half-cut cells: TSM-xxxDE20.08 (xxx = 575 - 610, in increments of 5)  
 120 half-cut cells: TSM-xxxDE20.09 (xxx = 575 - 610, in increments of 5)  
 120 half-cut cells: TSM-xxxDE20.T0 (xxx = 575 - 610, in increments of 5)  
 120 half-cut cells: TSM-xxxDE20.T8 (xxx = 575 - 610, in increments of 5)  
 120 half-cut cells: TSM-xxxDE20.T9 (xxx = 575 - 610, in increments of 5)  
 132 half-cut cells: TSM-xxxDE21(xxx = 635 - 670, in increments of 5)  
 132 half-cut cells: TSM-xxxDE21.05(xxx = 635 - 670, in increments of 5)  
 132 half-cut cells: TSM-xxxDE21.08(xxx = 635 - 670, in increments of 5)  
 132 half-cut cells: TSM-xxxDE21.09(xxx = 635 - 670, in increments of 5)  
 132 half-cut cells: TSM-xxxDE21.T0(xxx = 635 - 670, in increments of 5)  
 132 half-cut cells: TSM-xxxDE21.T8(xxx = 635 - 670, in increments of 5)  
 132 half-cut cells: TSM-xxxDE21.T9(xxx = 635 - 670, in increments of 5)  
 120 half-cut cells: TSM-xxxDE09 (xxx = 380-415, in increments of 5)  
 120 half-cut cells: TSM-xxxDE09.05 (xxx = 380-415, in increments of 5)  
 120 half-cut cells: TSM-xxxDE09.08 (xxx = 380-415, in increments of 5)  
 120 half-cut cells: TSM-xxxDE09.09 (xxx = 380-415, in increments of 5)  
 120 half-cut cells: TSM-xxxDE09.T0 (xxx = 380-415, in increments of 5)  
 120 half-cut cells: TSM-xxxDE09.T8 (xxx = 380-415, in increments of 5)  
 120 half-cut cells: TSM-xxxDE09.T9 (xxx = 380-415, in increments of 5)  
 252 half-cut cells: TSM-xxxDE15V(II) (xxx = 465-490, in increments of 5)  
 252 half-cut cells: TSM-xxxDE15V.05(II) (xxx = 465-490, in increments of 5)  
 252 half-cut cells: TSM-xxxDE15V.08(II) (xxx = 465-490, in increments of 5)  
 252 half-cut cells: TSM-xxxDE15V.09(II) (xxx = 465-490, in increments of 5)  
 252 half-cut cells: TSM-xxxDE15V.T0(II) (xxx = 465-490, in increments of 5)  
 252 half-cut cells: TSM-xxxDE15V.T8(II) (xxx = 465-490, in increments of 5)  
 252 half-cut cells: TSM-xxxDE15V.T9(II) (xxx = 465-490, in increments of 5)  
 120 half-cut cells: TSM-xxxDE05H(II) (xxx = 275 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxDE05H.08(II) (xxx = 275 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxDE05H.09(II) (xxx = 275 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxDE05H.10(II) (xxx = 275 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxDE05H.18(II) (xxx = 275 - 335, in increments of 5)



120 half-cut cells: TSM-xxxDE05H.50(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDE05HB(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDE05HB.08(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDE05HB.09(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDE06H(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06H.08(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06H.09(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06H.10(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06H.18(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06H.50(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06HB(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06HB.08(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06HB.09(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06M(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06M.08(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06M.09(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06M.T0(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06M.T8(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06M.T9(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxDE06M.05(II) (xxx = 275 - 350, in increments of 5)  
120 half-cut cells: TSM-xxxNE06M(II) (xxx = 315 - 355, in increments of 5)  
120 half-cut cells: TSM-xxxNE06M.08(II) (xxx = 315 - 355, in increments of 5)

120 half-cut cells: TSM-xxxNE06M.09(II) (xxx = 315 - 355, in increments of 5)  
120 half-cut cells: TSM-xxxNE06M.T0(II) (xxx = 315 - 355, in increments of 5)  
120 half-cut cells: TSM-xxxNE06M.T8(II) (xxx = 315 - 355, in increments of 5)  
120 half-cut cells: TSM-xxxNE06M.T9(II) (xxx = 315 - 355, in increments of 5)  
120 half-cut cells: TSM-xxxNE06M.05(II) (xxx = 315 - 355, in increments of 5)  
120 half-cut cells: TSM-xxxNE07M(II) (xxx = 315 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxNE07M.08(II) (xxx = 315 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxNE07M.09(II) (xxx = 315 - 335, in increments of 5)  
144 half-cut cells: TSM-xxxNE15M(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxNE15M.08(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxNE15M.09(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxNE16M(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxNE16M.08(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxNE16M.09(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxNE16M.T0(II) (xxx = 375- 405, in increments of 5)  
144 half-cut cells: TSM-xxxNE16M.T8(II) (xxx = 375- 405, in increments of 5)  
144 half-cut cells: TSM-xxxNE16M.T9(II) (xxx = 375- 405, in increments of 5)  
144 half-cut cells: TSM-xxxNE16M.05(II) (xxx = 375- 405, in increments of 5)  
144 half-cut cells: TSM-xxxNE15X(II) (xxx = 405 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNE15X.08(II) (xxx = 405 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNE15X.09(II) (xxx = 405 - 435, in increments of 5)  
144 half-cut cells: TSM-xxxNE15X.T0(II) (xxx = 405 - 435, in increments of 5)

144 half-cut cells: TSM-xxxNE15X.T8(II) (xxx = 405 - 435, in increments of 5)

144 half-cut cells: TSM-xxxNE15X.T9(II) (xxx = 405 - 435, in increments of 5)

144 half-cut cells: TSM-xxxDE17M(II) (xxx = 390 - 465, in increments of 5)

144 half-cut cells: TSM-xxxDE17M.08(II) (xxx = 390 - 465, in increments of 5)

144 half-cut cells: TSM-xxxDE17M.09(II) (xxx = 390 - 465, in increments of 5)

144 half-cut cells: TSM-xxxDE17M.T0(II) (xxx = 390 - 465, in increments of 5)

144 half-cut cells: TSM-xxxDE17M.T8(II) (xxx = 390 - 465, in increments of 5)

144 half-cut cells: TSM-xxxDE17M.T9(II) (xxx = 390 - 465, in increments of 5)

144 half-cut cells: TSM-xxxDE17M.05(II) (xxx = 390 - 465, in increments of 5)

144 half-cut cells: TSM-xxxDE15MB(II) (xxx = 330- 420, in increments of 5)

144 half-cut cells: TSM-xxxDE15MB.08(II) (xxx = 330- 420, in increments of 5)

144 half-cut cells: TSM-xxxDE15MB.09(II) (xxx = 330- 420, in increments of 5)

144 half-cut cells: TSM-xxxDE15MB.10(II) (xxx = 330- 420, in increments of 5)

144 half-cut cells: TSM-xxxDE15MB.18(II) (xxx = 330- 420, in increments of 5)

144 half-cut cells: TSM-xxxDE15MB.T0(II) (xxx = 330- 420, in increments of 5)

144 half-cut cells: TSM-xxxDE15MB.T8(II) (xxx = 330- 420, in increments of 5)

144 half-cut cells: TSM-xxxDE15MB.T9(II) (xxx = 330- 420, in increments of 5)

144 half-cut cells: TSM-xxxDE15MB.05(II) (xxx = 330- 420, in increments of 5)

120 half-cut cells: TSM-xxxDE151M(II) (xxx = 300 - 350, in increments of 5)

120 half-cut cells: TSM-xxxDE151M.08(II) (xxx = 300 - 350, in increments of 5)

120 half-cut cells: TSM-xxxDE151M.09(II) (xxx = 300 - 350, in increments of 5)

120 half-cut cells: TSM-xxxDE151M.T0(II) (xxx = 300 - 350, in increments of 5)

120 half-cut cells: TSM-xxxDE151M.T8(II) (xxx = 300 - 350, in increments of 5)

120 half-cut cells: TSM-xxxDE151M.T9(II) (xxx = 300 - 350, in increments of 5)

120 half-cut cells: TSM-xxxDE151M.05(II) (xxx = 300 - 350, in increments of 5)

120 half-cut cells: TSM-xxxDE08M(II) (xxx = 335 - 385, in increments of 5)

120 half-cut cells: TSM-xxxDE08M.08(II) (xxx = 335 - 385, in increments of 5)

120 half-cut cells: TSM-xxxDE08M.09(II) (xxx = 335 - 385, in increments of 5)

120 half-cut cells: TSM-xxxDE08M.T0(II) (xxx = 335 - 385, in increments of 5)

120 half-cut cells: TSM-xxxDE08M.T8(II) (xxx = 335 - 385, in increments of 5)

120 half-cut cells: TSM-xxxDE08M.T9(II) (xxx = 335 - 385, in increments of 5)

120 half-cut cells: TSM-xxxDE08M.05(II) (xxx = 335 - 385, in increments of 5)

120 half-cut cells: TSM-xxxNE15M (II) (xxx = 375 - 430, in increments of 5)

120 half-cut cells: TSM-xxxNE15M.08 (II) (xxx = 375 - 430, in increments of 5)

120 half-cut cells: TSM-xxxNE15M.09 (II) (xxx = 375 - 430, in increments of 5)

120 half-cut cells: TSM-xxxNE15M.T0 (II) (xxx = 375 - 430, in increments of 5)

120 half-cut cells: TSM-xxxNE15M.T8 (II) (xxx = 375 - 430, in increments of 5)

120 half-cut cells: TSM-xxxNE15M.T9 (II) (xxx = 375 - 430, in increments of 5)

120 half-cut cells: TSM-xxxNE15M.05(II) (xxx = 375 - 430, in increments of 5)

120 half-cut cells: TSM-xxxNE06X(II) (xxx = 345 - 390, in increments of 5)

120 half-cut cells: TSM-xxxNE06X.08(II) (xxx = 345 - 390, in increments of 5)

120 half-cut cells: TSM-xxxNE06X.09(II) (xxx = 345 - 390, in increments of 5)

120 half-cut cells: TSM-xxxNE06X.T0(II) (xxx = 345 - 390, in increments of 5)

120 half-cut cells: TSM-xxxNE06X.T8(II) (xxx = 345 - 390, in increments of 5)

120 half-cut cells: TSM-xxxNE06X.T9(II) (xxx = 345 - 390, in increments of 5)

120 half-cut cells: TSM-xxxNE06X.05(II) (xxx = 345 - 390, in increments of 5)

156 half-cut cells: TSM-xxxDE17X(II) (xxx = 450 - 485, in increments of 5)

156 half-cut cells: TSM-xxxDE17X.08(II) (xxx = 450 - 485, in increments of 5)

156 half-cut cells: TSM-xxxDE17X.09(II) (xxx = 450 - 485, in increments of 5)

156 half-cut cells: TSM-xxxDE17X.T8(II) (xxx = 450 - 485, in increments of 5)

156 half-cut cells: TSM-xxxDE17X.T9(II) (xxx = 450 - 485, in increments of 5)

156 half-cut cells: TSM-xxxDE17X.05(II) (xxx = 450 - 485, in increments of 5)

156 half-cut cells: TSM-xxxDE17X.T0(II) (xxx = 450 - 485, in increments of 5)

110 half-cut cells: TSM-xxxDE171H(II) (xxx = 315 - 350, in increments of 5)

110 half-cut cells: TSM-xxxDE19C (xxx = 530 - 555, in increments of 5)

110 half-cut cells: TSM-xxxDE19C.08 (xxx = 530 - 555, in increments of 5)

110 half-cut cells: TSM-xxxDE17H(II) (xxx = 315 - 330, in increments of 5)

110 half-cut cells: TSM-xxxDE19 (xxx = 530 - 555, in increments of 5)

110 half-cut cells: TSM-xxxDE19.05 (xxx = 530 - 555, in increments of 5)

110 half-cut cells: TSM-xxxDE19.08 (xxx = 530 - 555, in increments of 5)

110 half-cut cells: TSM-xxxDE19.09 (xxx = 530 - 555, in increments of 5)

110 half-cut cells: TSM-xxxDE19.T0 (xxx = 530 - 555, in increments of 5)

110 half-cut cells: TSM-xxxDE19.T8 (xxx = 530 - 555, in increments of 5)

110 half-cut cells: TSM-xxxDE19.T9 (xxx = 530 - 555, in increments of 5)

90 half-cut cells: TSM-xxxDE081M(II) (xxx = 265 - 295, in increments of 5)

90 half-cut cells: TSM-xxxDE081M.08(II) (xxx = 265 - 295, in increments of 5)

90 half-cut cells: TSM-xxxDE081M.09(II) (xxx = 265 - 295, in increments of 5)

90 half-cut cells: TSM-xxxDE081M.T0(II) (xxx = 265 - 295, in increments of 5)

90 half-cut cells: TSM-xxxDE081M.T8(II) (xxx = 265 - 295, in increments of 5)

90 half-cut cells: TSM-xxxDE081M.T8(II) (xxx = 265 - 295, in increments of 5)

90 half-cut cells: TSM-xxxDE081M.05(II) (xxx = 265 - 295, in increments of 5)

156 half-cut cells: TSM-xxxDE15X(II) (xxx = 405 - 435, in increments of 5)

156 half-cut cells: TSM-xxxDE15X.08(II) (xxx = 405 - 435, in increments of 5)

156 half-cut cells: TSM-xxxDE15X.09(II) (xxx = 405 - 435, in increments of 5)

156 half-cut cells: TSM-xxxDE15X.T0(II) (xxx = 405 - 435, in increments of 5)

156 half-cut cells: TSM-xxxDE15X.T8(II) (xxx = 405 - 435, in increments of 5)

156 half-cut cells: TSM-xxxDE15X.T9(II) (xxx = 405 - 435, in increments of 5)

132 half-cut cells: TSM-xxxDE06X(II) (xxx = 345 - 365, in increments of 5)

132 half-cut cells: TSM-xxxDE06X.08(II) (xxx = 345 - 365, in increments of 5)

132 half-cut cells: TSM-xxxDE06X.09(II) (xxx = 345 - 365, in increments of 5)

132 half-cut cells: TSM-xxxDE06X.T0(II) (xxx = 345 - 365, in increments of 5)

132 half-cut cells: TSM-xxxDE06X.T8(II) (xxx = 345 - 365, in increments of 5)

132 half-cut cells: TSM-xxxDE06X.T9(II) (xxx = 345 - 365, in increments of 5)

132 half-cut cells: TSM-xxxDE06XC(II) (xxx = 355 - 380, in increments of 5)

132 half-cut cells: TSM-xxxDE06XC.08(II) (xxx = 355 - 380, in increments of 5)

132 half-cut cells: TSM-xxxDE06XC.09(II) (xxx = 355 - 380, in increments of 5)

132 half-cut cells: TSM-xxxDE06XC.05(II) (xxx = 355 - 380, in increments of 5)

132 half-cut cells: TSM-xxxNE21 (xxx = 645 - 675, in increments of 5)

132 half-cut cells: TSM-xxxNE21.05 (xxx = 645 - 675, in increments of 5)

132 half-cut cells: TSM-xxxNE21.08 (xxx = 645 - 675, in increments of 5)

132 half-cut cells: TSM-xxxNE21.09 (xxx = 645 - 675, in increments of 5)

132 half-cut cells: TSM-xxxNE21.T0 (xxx = 645 - 675, in increments of 5)

132 half-cut cells: TSM-xxxNE21.T9 (xxx = 645 - 675, in increments of 5)

132 half-cut cells: TSM-xxxNE21.T8 (xxx = 645 - 675, in increments of 5)

120 half-cut cells: TSM-xxxNE20 (xxx = 590 - 610, in increments of 5)

120 half-cut cells: TSM-xxxNE20.05 (xxx = 590 - 610, in increments of 5)

120 half-cut cells: TSM-xxxNE20.08 (xxx = 590 - 610, in increments of 5)  
120 half-cut cells: TSM-xxxNE20.09 (xxx = 590 - 610, in increments of 5)  
120 half-cut cells: TSM-xxxNE20.T0 (xxx = 590 - 610, in increments of 5)  
120 half-cut cells: TSM-xxxNE20.T9 (xxx = 590 - 610, in increments of 5)  
120 half-cut cells: TSM-xxxNE20.T8 (xxx = 590 - 610, in increments of 5)  
110 half-cut cells: TSM-xxxNE19 (xxx = 540 - 560, in increments of 5)  
110 half-cut cells: TSM-xxxNE19.05 (xxx = 540 - 560, in increments of 5)  
110 half-cut cells: TSM-xxxNE19.08 (xxx = 540 - 560, in increments of 5)  
110 half-cut cells: TSM-xxxNE19.09 (xxx = 540 - 560, in increments of 5)  
110 half-cut cells: TSM-xxxNE19.T0 (xxx = 540 - 560, in increments of 5)  
110 half-cut cells: TSM-xxxNE19.T8 (xxx = 540 - 560, in increments of 5)  
110 half-cut cells: TSM-xxxNE19.T9 (xxx = 540 - 560, in increments of 5)  
150 half-cut cells: TSM-xxxNE18M (II) (xxx = 490 - 515, in increments of 5)  
150 half-cut cells: TSM-xxxNE18M.05 (II) (xxx = 490 - 515, in increments of 5)  
150 half-cut cells: TSM-xxxNE18M.08 (II) (xxx = 490 - 515, in increments of 5)  
150 half-cut cells: TSM-xxxNE18M.09 (II) (xxx = 490 - 515, in increments of 5)  
150 half-cut cells: TSM-xxxNE18M.T0 (II) (xxx = 490 - 515, in increments of 5)  
150 half-cut cells: TSM-xxxNE18M.T8 (II) (xxx = 490 - 515, in increments of 5)  
150 half-cut cells: TSM-xxxNE18M.T9 (II) (xxx = 490 - 515, in increments of 5)  
150 half-cut cells: TSM-xxxNE18M.05(II) (xxx = 490 - 515, in increments of 5)  
120 half-cut cells: TSM-xxxNE09 (xxx = 395 - 410, in increments of 5)  
120 half-cut cells: TSM-xxxNE09.05 (xxx = 395 - 410, in increments of 5)  
120 half-cut cells: TSM-xxxNE09.08 (xxx = 395 - 410, in increments of 5)  
120 half-cut cells: TSM-xxxNE09.09 (xxx = 395 - 410, in increments of 5)  
120 half-cut cells: TSM-xxxNE09.T0 (xxx = 395 - 410, in increments of 5)  
120 half-cut cells: TSM-xxxNE09.T8 (xxx = 395 - 410, in increments of 5)  
120 half-cut cells: TSM-xxxNE09.T9 (xxx = 395 - 410, in increments of 5)  
132 half-cut cells: TSM-xxxDE21F (xxx = 550 - 605, in increments of 5)  
132 half-cut cells: TSM-xxxDE21F.05 (xxx = 550 - 605, in increments of 5)  
132 half-cut cells: TSM-xxxDE21F.08 (xxx = 550 - 605, in increments of 5)  
132 half-cut cells: TSM-xxxDE21F.09 (xxx = 550 - 605, in increments of 5)

	132 half-cut cells: TSM-xxxDE21F.T0 (xxx = 550 - 605, in increments of 5)
	132 half-cut cells: TSM-xxxDE21F.T8 (xxx = 550 - 605, in increments of 5)
	132 half-cut cells: TSM-xxxDE21F.T9 (xxx = 550 - 605, in increments of 5)
Maximum system voltage:	1500V
Fuse rating:	15A or 20A or 30A
Application class:	Class A
Electrical protection class:	Class II

## Module types:

**Single Glass PV Modules with Mono-crystalline Silicon Solar Cells:**

- 144 half-cut cells: TSM-xxxDD14H(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14H.05(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14H.08(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14H.09(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14HB(II) (xxx = 335 - 395, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14HB.05(II) (xxx = 335 - 395, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14HB.08(II) (xxx = 335 - 395, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14HB.09(II) (xxx = 335 - 395, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15HB(II) (xxx = 330 - 410, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15HB.05(II) (xxx = 335 - 410, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15HB.08(II) (xxx = 335 - 410, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15HB.09(II) (xxx = 335 - 410, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14H.10(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD14H.18(II) (xxx = 335 - 405, in increments of 5)
- 144 half-cut cells: TSM-xxxDD15H(II) (xxx = 330 - 410, in increments of 5)



144 half-cut cells: TSM-xxxDD15H.05(II) (xxx = 330 - 410, in increments of 5)  
144 half-cut cells: TSM-xxxDD15H.08(II) (xxx = 330 - 410, in increments of 5)  
144 half-cut cells: TSM-xxxDD15H.09(II) (xxx = 330 - 410, in increments of 5)  
144 half-cut cells: TSM-xxxDD15M(II) (xxx = 330 - 410, in increments of 5)  
144 half-cut cells: TSM-xxxDD15M.05(II) (xxx = 330 - 410, in increments of 5)  
144 half-cut cells: TSM-xxxDD15M.08(II) (xxx = 330 - 410, in increments of 5)  
144 half-cut cells: TSM-xxxDD15M.09(II) (xxx = 330 - 410, in increments of 5)  
120 half-cut cells: TSM-xxxDD05H(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDD05H.05(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDD05H.08(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDD05H.09(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDD05H.10(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDD05H.18(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDD05H.50(II) (xxx = 275 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxDD06H(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDD06H.05(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDD06H.08(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDD06H.09(II) (xxx = 275 - 340, in increments of 5)  
120 half-cut cells: TSM-xxxDD05M(II) (xxx = 275 - 325, in increments of 5)  
120 half-cut cells: TSM-xxxDD05M.05(II) (xxx = 275 - 325, in increments of 5)  
120 half-cut cells: TSM-xxxDD05M.08(II) (xxx = 275 - 325, in increments of 5)  
120 half-cut cells: TSM-xxxDD05M.09(II) (xxx = 275 - 325, in increments of 5)

120 half-cut cells: TSM-xxxDD05M.10(II) (xxx = 275 - 325, in increments of 5)

120 half-cut cells: TSM-xxxDD05M.18(II) (xxx = 275 - 325, in increments of 5)

120 half-cut cells: TSM-xxxDD05M.50(II) (xxx = 275 - 325, in increments of 5)

120 half-cut cells: TSM-xxxDD06M(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxDD06M.05(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxDD06M.08(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxDD06M.09(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxDD06M.10(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxDD06M.18(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxDD06M.50(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxDD05HB(II) (xxx = 275 - 335, in increments of 5)

120 half-cut cells: TSM-xxxDD05HB.05(II) (xxx = 275 - 335, in increments of 5)

120 half-cut cells: TSM-xxxDD05HB.08(II) (xxx = 275 - 335, in increments of 5)

120 half-cut cells: TSM-xxxDD05HB.09(II) (xxx = 275 - 335, in increments of 5)

120 half-cut cells: TSM-xxxDD06HB(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxDD06HB.05(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxDD06HB.08(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxDD06HB.09(II) (xxx = 275 - 340, in increments of 5)

120 half-cut cells: TSM-xxxND06M(II) (xxx = 315 - 335, in increments of 5)

120 half-cut cells: TSM-xxxND06M.08(II) (xxx = 315 - 335, in increments of 5)

120 half-cut cells: TSM-xxxND06M.09(II) (xxx = 315 - 335, in increments of 5)

120 half-cut cells: TSM-xxxND07M(II) (xxx = 315 - 335, in increments of 5)

120 half-cut cells: TSM-xxxND07M.08(II) (xxx = 315 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxND07M.09(II) (xxx = 315 - 335, in increments of 5)  
144 half-cut cells: TSM-xxxND15M(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxND15M.08(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxND15M.09(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxND16M(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxND16M.08(II) (xxx = 375 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxND16M.09(II) (xxx = 375 - 405, in increments of 5)  
72 cells: TSM-xxxDC14 (xxx = 250 - 290, in increments of 5)  
72 cells: TSM-xxxDA14 (xxx = 250 - 290, in increments of 5)  
72 cells: TSM-xxxDD14A (xxx = 280 - 335, in increments of 5)  
72 cells: TSM-xxxDD14A.05 (xxx = 280 - 335, in increments of 5)  
72 cells: TSM-xxxDD14A.08 (xxx = 280 - 335, in increments of 5)  
72 cells: TSM-xxxDD14A(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD14A.05(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD14A.07(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD14A.08(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD14A.09(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD14A.10(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD14A.15(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD14A.18(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD15A(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD15A.05(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD15A.08(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD15A.09(II) (xxx = 325 - 385, in increments of 5)  
72 cells: TSM-xxxDD14A.001(II) (xxx = 320 - 375, in increments of 5)  
72 cells: TSM-xxxDD14A.051(II) (xxx = 320 - 375, in increments of 5)  
72 cells: TSM-xxxDD14A.081(II) (xxx = 320 - 375, in increments of 5)  
72 cells: TSM-xxxDD14A.002(II) (xxx = 320 - 375, in increments of 5)  
72 cells: TSM-xxxDD14A.052(II) (xxx = 320 - 375, in increments of 5)  
72 cells: TSM-xxxDD14A.082(II) (xxx = 320 - 375, in increments of 5)  
72 cells: TSM-xxxDD14A.00S(II) (xxx = 320 - 375, in increments of 5)  
72 cells: TSM-xxxDD14A.05S(II) (xxx = 320 - 375, in increments of 5)  
72 cells: TSM-xxxDD14A.08S(II) (xxx = 320 - 375, in increments of 5)

72 cells: TSM-xxxDD14A.00M(II) (xxx = 320 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14A.05M(II) (xxx = 320 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14A.08M(II) (xxx = 320 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14A.00U(II) (xxx = 320 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14A.05U(II) (xxx = 320 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14A.08U(II) (xxx = 320 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14 (xxx = 280 - 315, in increments of 5)  
 72 cells: TSM-xxxDD14.05 (xxx = 280 - 315, in increments of 5)  
 72 cells: TSM-xxxDD14.08 (xxx = 280 - 315, in increments of 5)  
 72 cells: TSM-xxxDD14(II) (xxx = 325 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14.05(II) (xxx = 325 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14.08(II) (xxx = 325 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14.09(II) (xxx = 325 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14.10(II) (xxx = 325 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14.15(II) (xxx = 325 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14.18(II) (xxx = 325 - 375, in increments of 5)  
 72 cells: TSM-xxxDD14B(II) (xxx = 330 - 380, in increments of 5)  
 72 cells: TSM-xxxDD14B.05(II) (xxx = 325 - 380, in increments of 5)  
 72 cells: TSM-xxxDD14B.08(II) (xxx = 325 - 380, in increments of 5)  
 72 cells: TSM-xxxDD15B(II) (xxx = 330 - 385, in increments of 5)  
 72 cells: TSM-xxxDD15B.05(II) (xxx = 325 - 385, in increments of 5)  
 72 cells: TSM-xxxDD15B.08(II) (xxx = 325 - 385, in increments of 5)  
 60 cells: TSM-xxxDC05 (xxx = 210 - 250, in increments of 5)  
 60 cells: TSM-xxxDC05.05 (xxx = 210 - 250, in increments of 5)  
 60 cells: TSM-xxxDC05.08 (xxx = 210 - 250, in increments of 5)  
 60 cells: TSM-xxxDC05A (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDC05A.05 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDC05A.08 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDC05A.50 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDC05A.002 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDC05A.052 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDC05A.082 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDC05A.50 (xxx = 240 - 280, in increments of 5)  
 60 cells: TSM-xxxDC05A(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDC05A.05(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDC05A.08(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDD05A (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDD05A.05 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDD05A.08 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDD05A.50 (xxx = 230 - 280, in increments of 5)

60 cells: TSM-xxxDD05A.002 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDD05A.052 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDD05A.082 (xxx = 230 - 280, in increments of 5)  
 60 cells: TSM-xxxDD05A(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD05A.001(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDD05A.051(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDD05A.081(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDD05A.002(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDD05A.052(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDD05A.082(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDD05A.05(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD05A.08(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD05A.09(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD05A.10(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD05A.15(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD05A.18(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD06A(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD06A.05(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD06A.08(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD06A.09(II) (xxx = 260 - 325, in increments of 5)  
 60 cells: TSM-xxxDD05A.50(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDD05A.00S(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxDD05A.05S(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxDD05A.08S(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxDD05A.00M(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxDD05A.05M(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxDD05A.08M(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxDD05A.00U(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDD05A.05U(II) (xxx = 260 - 315, in increments of 5)  
 60 cells: TSM-xxxDD05A.08U(II) (xxx = 260 - 315, in increments of 5)  
 48 cells: TSM-xxxDC03 (xxx = 160 - 190, in increments of 5)  
 48 cells: TSM-xxxDC03.05 (xxx = 160 - 190, in increments of 5)  
 48 cells: TSM-xxxDC03.08 (xxx = 160 - 190, in increments of 5)  
 48 cells: TSM-xxxDC03A (xxx = 200 - 215, in increments of 5)  
 48 cells: TSM-xxxDC03A.05 (xxx = 200 - 215, in increments of 5)  
 48 cells: TSM-xxxDC03A.08 (xxx = 200 - 215, in increments of 5)  
 48 cells: TSM-xxxDC03A(II) (xxx = 210 - 250, in increments of 5)  
 48 cells: TSM-xxxDC03A.05(II) (xxx = 210 - 250, in increments of 5)  
 48 cells: TSM-xxxDC03A.08(II) (xxx = 210 - 250, in increments of 5)

Maximum system voltage: 1000V

Fuse rating: 15A or 20A or 30A  
 Application class: Class A  
 Electrical protection class: Class II

Module types:

**Single Glass PV Modules with Poly-crystalline Silicon Solar Cells:**

144 half-cut cells: TSM-xxxPE14H (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.08 (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.09 (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.10 (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.18 (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.08(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.09(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.10(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14H.18(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB.08 (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB.09 (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB(II) (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB.08(II) (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE14HB.09(II) (xxx = 320 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPE15H (xxx = 305 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPE15H.08 (xxx = 305 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPE15H.09 (xxx = 305 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPE15H.10 (xxx = 305 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPE15H.18 (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE15H(II) (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE15H.08(II) (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE15H.09(II) (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE15H.10(II) (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE15H.18(II) (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE14HB (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE14HB.08 (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE14HB.09 (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE14HB(II) (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE14HB.08(II) (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE14HB.09(II) (xxx = 320 - 390, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H.08 (xxx = 260 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H.09 (xxx = 260 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H.10 (xxx = 260 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H.18 (xxx = 260 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H.50 (xxx = 260 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H(II) (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H.08(II) (xxx = 260 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H.09(II) (xxx = 260 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H.10(II) (xxx = 260 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05H.18(II) (xxx = 260 - 300, in increments of 5)



120 half-cut cells: TSM-xxxPE05H.50(II) (xxx = 260 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05HB (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05HB.08 (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05HB.09 (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05HB(II) (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05HB(II).08 (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE05HB(II).09 (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPE06HB (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06HB.08 (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06HB.09 (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06HB(II) (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06HB(II).08 (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06HB(II).09 (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06H (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06H.08 (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06H.09 (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06H.10 (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06H.18 (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06H.50 (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06H(II) (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06H.08(II) (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06H.09(II) (xxx = 250 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPE06H.10(II) (xxx = 250 - 335, in increments of 5)



120 half-cut cells: TSM-xxxPE06H.18(II) (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06H.50(II) (xxx = 250 - 335, in increments of 5)  
 72 cells: TSM-xxxPE14A (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14A.08 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14A.09 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14A.T0 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14A.T8 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14A.T9 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14B (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14B.08 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14B.09 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14B(II) (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14B.08(II) (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14B.09(II) (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPE15A (xxx = 290 - 345, in increments of 5)  
 72 cells: TSM-xxxPE15A.08 (xxx = 290 - 345, in increments of 5)  
 72 cells: TSM-xxxPE15A.09 (xxx = 290 - 345, in increments of 5)  
 72 cells: TSM-xxxPE15A.10 (xxx = 290 - 345, in increments of 5)  
 72 cells: TSM-xxxPE15A.18 (xxx = 290 - 345, in increments of 5)  
 60 cells: TSM-xxxPE05A (xxx = 240 - 300, in increments of 5)  
 60 cells: TSM-xxxPE05A.08 (xxx = 240 - 300, in increments of 5)  
 60 cells: TSM-xxxPE05A.09 (xxx = 240 - 300, in increments of 5)  
 60 cells: TSM-xxxPE05A.T0 (xxx = 240 - 300, in increments of 5)  
 60 cells: TSM-xxxPE05A.T8 (xxx = 240 - 300, in increments of 5)  
 60 cells: TSM-xxxPE05A.T9 (xxx = 240 - 300, in increments of 5)  
 60 cells: TSM-xxxPE06A (xxx = 240 - 290, in increments of 5)  
 60 cells: TSM-xxxPE06A.08 (xxx = 240 - 290, in increments of 5)  
 60 cells: TSM-xxxPE06A.09 (xxx = 240 - 290, in increments of 5)  
 60 cells: TSM-xxxPE06A.10 (xxx = 240 - 290, in increments of 5)  
 60 cells: TSM-xxxPE06A.18 (xxx = 240 - 290, in increments of 5)  
 60 cells: TSM-xxxPE06A.50 (xxx = 240 - 290, in increments of 5)  
 72 cells: TSM-xxxPE14A(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14A.08(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14A.09(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14A.10(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPE14A.18(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPE15A(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPE15A.08(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPE15A.09(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPE15A.10(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPE15A.18(II) (xxx = 300 - 360, in increments of 5)  
72 cells: TSM-xxxPE15B(xxx = 305 - 360, in increments of 5)  
72 cells: TSM-xxxPE15B.08 (xxx = 305 - 360, in increments of 5)  
72 cells: TSM-xxxPE15B.09 (xxx = 305 - 360, in increments of 5)  
72 cells: TSM-xxxPE15B(II) (xxx = 305 - 360, in increments of 5)  
72 cells: TSM-xxxPE15B.08(II) (xxx = 305 - 360, in increments of 5)  
72 cells: TSM-xxxPE15B.09(II) (xxx = 305 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB.08 (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB.09 (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB(II) (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB.08(II) (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB.09(II) (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB.T0 (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB.T8(xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB.T9 (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB.T0(II) (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB.T9(II) (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15HB.T8(II) (xxx = 320 - 390, in increments of 5)  
144 half-cut cells: TSM-xxxPE15M (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE15M.08 (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE15M.09 (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE15M.10 (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE15M.18 (xxx = 305 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPE15M(II) (xxx = 305 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPE15M.08(II) (xxx = 305 - 405, in increments of 5)  
 144 half-cut cells: TSM-xxxPE15M.09(II) (xxx = 305 - 405, in increments of 5)  
 144 half-cut cells: TSM-xxxPE15M.10(II) (xxx = 305 - 405, in increments of 5)  
 144 half-cut cells: TSM-xxxPE15M.18(II) (xxx = 305 - 405, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M.08 (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M.09 (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M(II) (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M.08(II) (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M.09(II) (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M.T0 (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M.T8 (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M.T9 (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M.T0(II) (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M.T8(II) (xxx = 320 - 445, in increments of 5)  
 144 half-cut cells: TSM-xxxPE17M.T9(II) (xxx = 320 - 445, in increments of 5)  
 60 cells: TSM-xxxPE05A(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE05A.08(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE05A.09(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE05A.10(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE05A.18(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE05A.50(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE06A(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE06A.08(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE06A.09(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE06A.10(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE06A.18(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPE06A.50(II) (xxx = 260 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPE06M (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M.08 (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M.09 (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M.10 (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M.18 (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M.50 (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M(II) (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M.08(II) (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M.09(II) (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M.10(II) (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M.18(II) (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE06M.50(II) (xxx = 250 - 335, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M(II) (xxx = 270 - 365, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M.08(II) (xxx = 270 - 365, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M.09(II) (xxx = 270 - 365, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M.T0(II) (xxx = 270 - 365, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M.T8(II) (xxx = 270 - 365, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M.T9(II) (xxx = 270 - 365, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M (xxx = 270 - 365, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M.08 (xxx = 270 - 365, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M.09 (xxx = 270 - 365, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M.T0 (xxx = 270 - 365, in increments of 5)  
 120 half-cut cells: TSM-xxxPE08M.T8 (xxx = 270 - 365, in increments of 5)

	120 half-cut cells: TSM-xxxPE08M.T9 (xxx = 270 - 365, in increments of 5)
Maximum system voltage:	1500V
Fuse rating:	15A or 20A or 30A
Application class:	Class A
Electrical protection class:	Class II

Module types:

**Single Glass PV Modules with Poly-crystalline Silicon Solar Cells:**

72 cells: TSM-xxxPC14 (xxx = 250 - 345, in increments of 5)  
 72 cells: TSM-xxxPC14.002 (xxx = 270 - 320, in increments of 5)  
 72 cells: TSM-xxxPC14.052 (xxx = 270 - 320, in increments of 5)  
 72 cells: TSM-xxxPC14.50 (xxx = 250 - 345, in increments of 5)  
 72 cells: TSM-xxxPC14(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPC14.05(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPC14.08(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPC14.10(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPC14.15(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPC14.18(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPC14.50(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.08 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.09 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD15 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD15.08 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD15.09 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.001 (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.051 (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.081 (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.002 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.052 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.082 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.10 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.15 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.18 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.50 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.00S (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.05S (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.08S (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.00S(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPD14.05S(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.08S(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.00M (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.05M (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.08M (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.00M(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.05M(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.08M(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.00U (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.05U (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.08U (xxx = 260 - 325, in increments of 5)  
 72 cells: TSM-xxxPD14.09U (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.002 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.052 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14.082 (xxx = 260 - 345, in increments of 5)  
 72 cells: TSM-xxxPD14B (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.08B (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.09B (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.05(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.08(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.10(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.15(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.18(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.50(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14B(II) (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14B.08(II) (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14B.09(II) (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD15B (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD15B.08 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD15B.09 (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD15B(II) (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD15B.08(II) (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD15B.09(II) (xxx = 305 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.00U(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.05U(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.08U(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.09U(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.00C (xxx = 290 - 320, in increments of 5)  
 72 cells: TSM-xxxPD14.05C (xxx = 290 - 320, in increments of 5)

72 cells: TSM-xxxPD14.08C (xxx = 290 - 320, in increments of 5)  
72 cells: TSM-xxxPD14.10C (xxx = 290 - 320, in increments of 5)  
72 cells: TSM-xxxPD14.15C (xxx = 290 - 320, in increments of 5)  
72 cells: TSM-xxxPD14.18C (xxx = 290 - 320, in increments of 5)  
72 cells: TSM-xxxPD14.00C(II) (xxx = 290 - 320, in increments of 5)  
72 cells: TSM-xxxPD14.05C(II) (xxx = 290 - 320, in increments of 5)  
72 cells: TSM-xxxPD14.08C(II) (xxx = 290 - 320, in increments of 5)  
72 cells: TSM-xxxPD14.10C(II) (xxx = 290 - 320, in increments of 5)  
72 cells: TSM-xxxPD14.15C(II) (xxx = 290 - 320, in increments of 5)  
72 cells: TSM-xxxPD14.18C(II) (xxx = 290 - 320, in increments of 5)  
144 half-cut cells: TSM-xxxPD14H (xxx = 305 - 365, in increments of 5)  
144 half-cut cells: TSM-xxxPD14H.05 (xxx = 305 - 365, in increments of 5)  
144 half-cut cells: TSM-xxxPD14H.08 (xxx = 305 - 365, in increments of 5)  
144 half-cut cells: TSM-xxxPD14H.09 (xxx = 305 - 365, in increments of 5)  
144 half-cut cells: TSM-xxxPD14H.10 (xxx = 305 - 365, in increments of 5)  
144 half-cut cells: TSM-xxxPD14H.18 (xxx = 305 - 365, in increments of 5)  
144 half-cut cells: TSM-xxxPD14HB (xxx = 320 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPD14HB.08 (xxx = 320 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPD14HB.09 (xxx = 320 - 360, in increments of 5)  
144 half-cut cells: TSM-xxxPD15H (xxx = 320 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPD15H.08 (xxx = 320 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPD15H.09 (xxx = 320 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPD15HB (xxx = 320 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPD15HB.08 (xxx = 320 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPD15HB.09 (xxx = 320 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPD15M (xxx = 320 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPD15M.08 (xxx = 320 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPD15M.09 (xxx = 320 - 405, in increments of 5)  
144 half-cut cells: TSM-xxxPD14H(II) (xxx = 305 - 365, in increments of 5)



144 half-cut cells: TSM-xxxPD14H.05(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPD14H.08(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPD14H.09(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPD14H(II) (xxx = 320 - 360, in increments of 5)

144 half-cut cells: TSM-xxxPD14H.08(II) (xxx = 320 - 360, in increments of 5)

144 half-cut cells: TSM-xxxPD14H.09(II) (xxx = 320 - 360, in increments of 5)

144 half-cut cells: TSM-xxxPD14H.10(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPD14H.18(II) (xxx = 305 - 365, in increments of 5)

144 half-cut cells: TSM-xxxPD15H(II) (xxx = 320 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPD15H.08(II) (xxx = 320 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPD15H.09(II) (xxx = 320 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPD15HB(II) (xxx = 320 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPD15HB.08(II) (xxx = 320 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPD15HB.09(II) (xxx = 320 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPD15M(II) (xxx = 320 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPD15M.08(II) (xxx = 320 - 405, in increments of 5)

144 half-cut cells: TSM-xxxPD15M.09(II) (xxx = 320 - 405, in increments of 5)

72 cells: TSM-xxxPD14.001(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPD14.051(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPD14.081(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPD14.002(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPD14.052(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPD14.082(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPD14.05(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPD14.08(II) (xxx = 300 - 360, in increments of 5)

72 cells: TSM-xxxPD14.09(II) (xxx = 300 - 360, in increments of 5)



72 cells: TSM-xxxPD15(II) (xxx = 305-360, in increments of 5)  
 72 cells: TSM-xxxPD15.08(II) (xxx = 305-360, in increments of 5)  
 72 cells: TSM-xxxPD15.09(II) (xxx = 305-360, in increments of 5)  
 72 cells: TSM-xxxPD14.10(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.15(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.18(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPD14.50(II) (xxx = 300 - 360, in increments of 5)  
 72 cells: TSM-xxxPC14A (xxx = 275 - 320, in increments of 5)  
 60 cells: TSM-xxxPC05 (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05.08 (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05.10 (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05.18 (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05A (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05A.05 (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05A.08 (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05A.10 (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05A.15 (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05A.18 (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05A.50 (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05A.002 (xxx = 215 - 275, in increments of 5)  
 60 cells: TSM-xxxPC05A.052 (xxx = 215 - 275, in increments of 5)  
 60 cells: TSM-xxxPC05A.102 (xxx = 215 - 275, in increments of 5)  
 60 cells: TSM-xxxPC05A.082 (xxx = 215 - 275, in increments of 5)  
 60 cells: TSM-xxxPC05A.152 (xxx = 215 - 275, in increments of 5)  
 60 cells: TSM-xxxPC05A.182 (xxx = 215 - 275, in increments of 5)  
 60 cells: TSM-xxxPC05A.50 (xxx = 230 - 275, in increments of 5)  
 60 cells: TSM-xxxPC05A(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPC05.05(II) (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05.15(II) (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05.10(II) (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05.18(II) (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05.08 (II) (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05.50(II) (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05B (xxx = 200 - 290, in increments of 5)  
 60 cells: TSM-xxxPC05B(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05 (xxx = 215 - 290, in increments of 5)  
 60 cells: TSM-xxxPD05.05 (xxx = 215 - 290, in increments of 5)  
 60 cells: TSM-xxxPD05.08 (xxx = 215 - 290, in increments of 5)  
 60 cells: TSM-xxxPD05.09 (xxx = 215 - 290, in increments of 5)  
 60 cells: TSM-xxxPD05.10 (xxx = 215 - 290, in increments of 5)

60 cells: TSM-xxxPD05.15 (xxx = 215 - 290, in increments of 5)  
60 cells: TSM-xxxPD05.18 (xxx = 215 - 290, in increments of 5)  
60 cells: TSM-xxxPD05.50 (xxx = 215 - 290, in increments of 5)  
60 cells: TSM-xxxPD06 (xxx = 255 - 300, in increments of 5)  
60 cells: TSM-xxxPD06.08 (xxx = 255 - 300, in increments of 5)  
60 cells: TSM-xxxPD06.09 (xxx = 255 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.001 (xxx = 215 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.051 (xxx = 215 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.081 (xxx = 215 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.002 (xxx = 215 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.052 (xxx = 215 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.082 (xxx = 215 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.102 (xxx = 215 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.152 (xxx = 215 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.182 (xxx = 215 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.00S (xxx = 215 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.05S (xxx = 215 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.08S (xxx = 215 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.00S(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.05S(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.08S(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.00M (xxx = 215 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.05M (xxx = 215 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.08M (xxx = 215 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.00M(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.05M(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.08M(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.00U (xxx = 215 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.05U (xxx = 215 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.08U (xxx = 215 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.00U(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.05U(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.08U(II) (xxx = 260 - 300, in increments of 5)  
60 cells: TSM-xxxPD05.00C (xxx = 240 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.05C (xxx = 240 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.08C (xxx = 240 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.10C (xxx = 240 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.15C (xxx = 240 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.18C (xxx = 240 - 275, in increments of 5)  
60 cells: TSM-xxxPD05.00C(II) (xxx = 245 - 275, in increments of 5)

60 cells: TSM-xxxPD05.05C(II) (xxx = 245 - 275, in increments of 5)  
 60 cells: TSM-xxxPD05.08C(II) (xxx = 245 - 275, in increments of 5)  
 60 cells: TSM-xxxPD05.10C(II) (xxx = 245 - 275, in increments of 5)  
 60 cells: TSM-xxxPD05.15C(II) (xxx = 245 - 275, in increments of 5)  
 60 cells: TSM-xxxPD05.18C(II) (xxx = 245 - 275, in increments of 5)  
 60 cells: TSM-xxxPD05.00D (xxx = 240 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.05D (xxx = 240 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.08D (xxx = 240 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.10D (xxx = 240 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.15D (xxx = 240 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.18D (xxx = 240 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.00D(II) (xxx = 245 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.05D(II) (xxx = 245 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.08D(II) (xxx = 245 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.10D(II) (xxx = 245 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.15D(II) (xxx = 245 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.18D(II) (xxx = 245 - 280, in increments of 5)  
 60 cells: TSM-xxxPD05.001(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.051(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.081(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.002(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.052(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.082(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.05(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.08(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.09(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.10(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.15(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.18(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD05.50(II) (xxx = 260 - 300, in increments of 5)  
 60 cells: TSM-xxxPD06(II) (xxx = 255 - 300, in increments of 5)  
 60 cells: TSM-xxxPD06.08(II) (xxx = 255 - 300, in increments of 5)  
 60 cells: TSM-xxxPD06.09(II) (xxx = 255 - 300, in increments of 5)  
 120 half-cut cells: TSM-xxxPD05H (xxx = 250 - 300, in increments of 5)  
 120 half-cut cells: TSM-xxxPD05H.05 (xxx = 250 - 300, in increments of 5)  
 120 half-cut cells: TSM-xxxPD05H.08 (xxx = 250 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPD05H.09 (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD05H.10 (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD05H.18 (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD05H.50 (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD06H (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD06H.08 (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD06H.09 (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD06M (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD06M.08 (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD06M.09 (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD05H(II) (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD05H.05(II) (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD05H.08(II) (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD05H.09(II) (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD05H.10(II) (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD05H.18(II) (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD05H.50(II) (xxx = 250 - 300, in increments of 5)  
120 half-cut cells: TSM-xxxPD06H(II) (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD06H.08(II) (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD06H.09(II) (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD06M(II) (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD06M.08(II) (xxx = 270 - 335, in increments of 5)  
120 half-cut cells: TSM-xxxPD06M.09(II) (xxx = 270 - 335, in increments of 5)

120 half-cut cells: TSM-xxxPD05HB (xxx = 250 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPD05HB.05 (xxx = 250 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPD05HB.08 (xxx = 250 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPD05HB.09 (xxx = 250 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPD05HB(II) (xxx = 250 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPD05HB.05(II) (xxx = 250 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPD05HB.08(II) (xxx = 250 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPD05HB.09(II) (xxx = 250 - 300, in increments of 5)

120 half-cut cells: TSM-xxxPD06HB (xxx = 270 - 335, in increments of 5)

120 half-cut cells: TSM-xxxPD06HB.08 (xxx = 270 - 335, in increments of 5)

120 half-cut cells: TSM-xxxPD06HB.09 (xxx = 270 - 335, in increments of 5)

120 half-cut cells: TSM-xxxPD06HB(II) (xxx = 270 - 335, in increments of 5)

120 half-cut cells: TSM-xxxPD06HB.08(II) (xxx = 270 - 335, in increments of 5)

120 half-cut cells: TSM-xxxPD06HB.09(II) (xxx = 270 - 335, in increments of 5)

60 cells: TSM-xxxPC05A(II) (xxx = 260 - 300, in increments of 5)

60 cells: TSM-xxxPC05A.05(II) (xxx = 260 - 300, in increments of 5)

60 cells: TSM-xxxPC05A.08(II) (xxx = 260 - 300, in increments of 5)

60 cells: TSM-xxxPC05A.10(II) (xxx = 260 - 300, in increments of 5)

60 cells: TSM-xxxPC05A.15(II) (xxx = 260 - 300, in increments of 5)

60 cells: TSM-xxxPC05A.18(II) (xxx = 260 - 300, in increments of 5)

60 cells: TSM-xxxPC05A.50(II) (xxx = 260 - 300, in increments of 5)

48 cells: TSM-xxxPC03 (xxx = 160 - 190, in increments of 5)

48 cells: TSM-xxxPC03.05 (xxx = 160 - 190, in increments of 5)

48 cells: TSM-xxxPC03.08 (xxx = 160 - 190, in increments of 5)

36 cells: TSM-xxxPC20 (xxx = 120 - 160, in increments of 5)

36 cells: TSM-xxxPC22 (xxx = 95 - 100, in increments of 5)

36 cells: TSM-xxxPC24 (xxx = 45 - 50, in increments of 5)

36 cells: TSM-xxxPC26 (xxx = 80 - 90, in increments of 5)

Maximum system voltage: 1000V

Fuse rating: 15A or 20A or 30A

Anlage 2 zum Zertifikat Nr.: / Annex 2 to Certificate No.: 44 780 19 406749 - 364R13A15M16

Aktenzeichen: / File reference: PVP12043/21P

2022-04-12

Application class: Class A

Electrical protection class: Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in attachment of test report.