

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50397214

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0001

Ihr Zeichen *Client Reference*  
G.J.J.

Unser Zeichen *Our Reference*  
01-GAJ-50087483 001

Ausstellungsdatum  
28.02.2018

*Date of Issue*  
(day/mo/yr)

Genehmigungsinhaber *License Holder*  
Trina Solar Co., Ltd.  
No. 2 TianHe Road, Trina PV  
Industrial Park, New District  
Changzhou City,  
Jiangsu Province 213031  
P. R. China

Fertigungsstätte *Manufacturing Plant*  
Trina Solar Co., Ltd.  
No. 2 TianHe Road, Trina PV  
Industrial Park, New District  
Changzhou City,  
Jiangsu Province 213031  
P. R. China

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Type Designation:

6

With 6" poly c-Si cells:

TSM-xxxPE14A (xxx=305-360, in steps of 5, 72 cell)  
TSM-xxxPE14A.08 (xxx=305-360, in steps of 5, 72 cell)  
TSM-xxxPE14A(II) (xxx=305-360, in steps of 5, 72 cell)  
TSM-xxxPE14A.08(II) (xxx=305-360, in steps of 5, 72 cell)  
TSM-xxxPE05A (xxx=255-300, in steps of 5, 60 cell)  
TSM-xxxPE05A.08 (xxx=255-300, in steps of 5, 60 cell)  
TSM-xxxPE05A(II) (xxx=255-300, in steps of 5, 60 cell)  
TSM-xxxPE05A.08(II) (xxx=255-300, in steps of 5, 60 cell)

With 6" mono c-Si cells:

TSM-xxxDE14A(II) (xxx=330-380, in steps of 5, 72 cell)  
TSM-xxxDE14A.08(II) (xxx=330-380, in steps of 5, 72 cell)  
TSM-xxxDE05A(II) (xxx=275-315, in steps of 5, 60 cell)  
TSM-xxxDE05A.08(II) (xxx=275-315, in steps of 5, 60 cell)

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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.

Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com  
Fax: +49 221 806-3935 http://www.tuv.com/safety

Dipl.-Ing. (TU) G. Reimann

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50397214

Blatt *Page*  
0002

Ihr Zeichen *Client Reference*  
G.J.J.

Unser Zeichen *Our Reference*  
01-GAJ-50087483 001

Ausstellungsdatum  
28.02.2018

*Date of Issue*  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***

Trina Solar Co., Ltd.  
No. 2 TianHe Road, Trina PV  
Industrial Park, New District  
Changzhou City,  
Jiangsu Province 213031  
P. R. China

**Fertigungsstätte *Manufacturing Plant***

Trina Solar Co., Ltd.  
No. 2 TianHe Road, Trina PV  
Industrial Park, New District  
Changzhou City,  
Jiangsu Province 213031  
P. R. China

**Prüfzeichen *Test Mark***



**Geprüft nach *Tested acc. to***

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016

**Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)***

**Lizenzentgelte - Einheit  
*License Fee - Unit***

**PV Module**

Continuation of Page 1

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**Remarks:**

Class II acc. to IEC 61140  
Max. System Voltage: up to 1500 VDC (Voc at STC)  
Fire Rating: Class C  
Design Load/ Safety Factors: 1600 Pa / 1.5 (upward)  
3600 Pa / 1.5 (downward)

**Conditions:**

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.  
Validity: 5 years counting from date of issue.

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Zertifizierungsstelle

Dipl.-Ing. (TU) G. Reimann

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# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 50397214

Blatt *Sheet*  
0004

Ihr Zeichen *Client Reference*  
G.J.J.

Unser Zeichen *Our Reference*  
01-GAJ-50087483 002

Ausstellungsdatum *Date of Issue*  
29.03.2018 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Trina Solar Co., Ltd.  
No. 2 TianHe Road, Trina PV  
Industrial Park, New District  
Changzhou City,  
Jiangsu Province 213031  
P. R. China

Fertigungsstätte *Manufacturing Plant*  
Trina Solar Co., Ltd.  
No. 2 TianHe Road, Trina PV  
Industrial Park, New District  
Changzhou City,  
Jiangsu Province 213031  
P. R. China

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation)  
*Certified Product (Product Identification)*

Lizenzentgelte - Einheit  
*License Fee - Unit*

## PV Module

Continuation of Page 3

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### Type Designation:

With 156.75x78.375mm mono c-Si cell:  
TSM-xxxDE14H(II), TSM-xxxDE14H.08(II), TSM-xxxDE14H.09(II)  
(xxx=330-380, in steps of 5, 144 cells)  
TSM-xxxDE05H(II), TSM-xxxDE05H.08(II), TSM-xxxDE05H.09(II)  
(xxx=275-315, in steps of 5, 120 cells)  
With 156.75x78.375mm poly c-Si cell:  
TSM-xxxPE14H, TSM-xxxPE14H.08, TSM-xxxPE14H.09,  
TSM-xxxPE14H(II), TSM-xxxPE14H.08(II), TSM-xxxPE14H.09(II)  
(xxx=320-360, in steps of 5, 144 cells)  
TSM-xxxPE05H, TSM-xxxPE05H.08, TSM-xxxPE05H.09,  
TSM-xxxPE05H(II), TSM-xxxPE05H.08(II), TSM-xxxPE05H.09(II)  
(xxx=270-300, in steps of 5, 120 cells)

Validity: The certificate is valid until 27 February 2023.

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fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Dipl.-Ing. D. Löffler

# Zertifikat

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Zertifikat Nr. *Certificate No.*  
PV 50397214

Blatt *Sheet*  
0019

Ihr Zeichen *Client Reference*  
G.J.J.

Unser Zeichen *Our Reference*  
01-CLI-50087483 008

Ausstellungsdatum *Date of Issue*  
09.04.2019  
(day/mo/yr)

**Genehmigungsinhaber *License Holder***

Trina Solar Co., Ltd.  
No. 2 TianHe Road, Trina PV  
Industrial Park, New District  
Changzhou City,  
Jiangsu Province 213031  
P. R. China

**Fertigungsstätte *Manufacturing Plant***

Trina Solar Co., Ltd.  
No. 2 TianHe Road, Trina PV  
Industrial Park, New District  
Changzhou City,  
Jiangsu Province 213031  
P. R. China

**Prüfzeichen *Test Mark***



IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
[www.tuv.com](http://www.tuv.com)  
ID 1419054267

**Geprüft nach *Tested acc. to***

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016

**Zertifiziertes Produkt (Geräteidentifikation)  
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**Lizenzentgelte - Einheit  
*License Fee - Unit***

PV Module

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With 6" half cut mono c-Si cell:  
TSM-xxxDE15H(II), TSM-xxxDE15H.08(II),  
TSM-xxxDE15H.09(II)  
(xxx=330-410, in steps of 5, 144 cells)  
TSM-xxxDE06H(II), TSM-xxxDE06H.08(II),  
TSM-xxxDE06H.09(II)  
(xxx=275-340, in steps of 5, 120 cells)  
TSM-xxxDE15HB(II), TSM-xxxDE15HB.08(II),  
TSM-xxxDE15HB.09(II)  
(xxx=330-410, in steps of 5, 144 cells)  
TSM-xxxDE15M(II), TSM-xxxDE15M.08(II),  
TSM-xxxDE15M.09(II)  
(xxx=330-410, in steps of 5, 144 cells)  
TSM-xxxDE06M(II), TSM-xxxDE06M.08(II),  
TSM-xxxDE06M.09(II)  
(xxx=275-340, in steps of 5, 120 cells)

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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
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Dipl.-Ing. D. Löffler

# Zertifikat

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Zertifikat Nr. *Certificate No.*  
PV 50397214

Blatt *Sheet*  
0020

Ihr Zeichen *Client Reference*  
G.J.J.

Unser Zeichen *Our Reference*  
01-CL1-50087483 008

Ausstellungsdatum *Date of Issue*  
09.04.2019 (day/mo/yr)

Genehmigungsinhaber *License Holder*  
Trina Solar Co., Ltd.  
No. 2 TianHe Road, Trina PV  
Industrial Park, New District  
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IEC 61730-2:2016

Zertifiziertes Produkt (Geräteidentifikation)  
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PV Module

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TSM-xxxDE14H(II), TSM-xxxDE14H.08(II),  
TSM-xxxDE14H.09(II)  
(xxx=390-395, in steps of 5, 144 cells)  
TSM-xxxDE05H(II), TSM-xxxDE05H.08(II),  
TSM-xxxDE05H.09(II)  
(xxx=330-335, in steps of 5, 120 cells)  
TSM-xxxDE14HB(II), TSM-xxxDE14HB.08(II),  
TSM-xxxDE14HB.09(II)  
(xxx=390-395, in steps of 5, 144 cells)

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