



FIMER FLEXA AC Wallbox

The FIMER FLEXA AC Wallbox is a charging device for electric vehicles for private applications and for public or company car parking facilities, which can be installed on a wall or on a dedicated FIMER FLEXA Stand.

FIMER FLEXA AC Wallbox is available in a Cord version, equipped with a T2 Cord, or in a Socket version, equipped with a T2 or a T3A socket.

The device can be installed on the wall or on a dedicated FIMER FLEXA Stand and is available in different configurations, depending on the power (from 3.7kW to 22kW), the connection type (T2 Cord or T2 socket or T3A socket) and the type of connectivity (Stand Alone, Inverter Net or Future Net). Each FIMER FLEXA AC Wallbox can be configured in Master (Future Net) or Slave (Stand Alone or Inverter Net) mode: this configuration makes multiple installations (in public and company car parking facilities) even more efficient, through a built-in Load Management system.

FIMER FLEXA AC Wallbox - Stand Alone

The Stand Alone version comes with basic features that guarantee easy use at an affordable price.

Its functionalities are limited to interaction with the electric vehicle, activating its charging process and ensuring its safe operation:

- Status signaling via local LEDs and local RS485 communication for configuration and monitoring
- Available in Cord (T2) or Socket (T2 or T3A) versions
- Communication interface with MID counter or TA meter
- Bluetooth communication and RFiD reader for local access management

FIMER FLEXA AC Wallbox - Future Net

The Future Net version includes great connectivity features that enable remote monitoring and control of the device. It offers the following features in addition to those of the Stand Alone version:

- 3G/4G connectivity, Wi-Fi, Ethernet
- OCPP 1.6 Json communication protocol
- Intelligent remote monitoring and control system: thanks to the use of a mobile application for the user and a centralized system for the operator, it allows remote monitoring of the device status, the creation of use and energy reports, access management and error analysis
- Master/Slave Management

FIMER FLEXA AC Wallbox - Inverter Net

The features of the Inverter Net version are similar to those of the Stand Alone version; it only differs in that it can communicate with REACT 2 photovoltaic inverters with storage. This version offers the following advantages compared to the Stand Alone version:

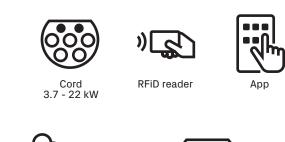
- Data sharing and storage through interaction with REACT 2 photovoltaic inverters with integrated storage
- Load optimization and integration with storage systems
- Shared management portal for data monitoring and management

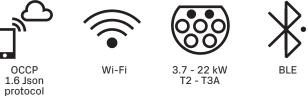
All versions have the following main features:

- Available in Cord (Type 2) or Socket (Type 2 or Type 3A) version
- Charge in Mode 3
- · Master-Slave functionality
- Locking of the socket during the charging phase (only for the Socket version)
- Bluetooth connectivity and RFiD reader
- 100% recycled plastic
- Communication interface with external amperometric transformer or MID energy meter
- Installation on a wall or a dedicated FIMER FLEXA Stand system
- · Easy assembly

Signals and control

- Local LED signals for indications of charging status or any faults
- Authentication and unlocking systems via RFiD cards, mobile application or through a centralised management system
- OCPP 1.6 Json protocol





Installation type





Load Management

Master/slave

Model FIMER FLEXA AC Wallbox	Stand Alone / Inverter Net / Future Net									
Maximum power	3.7 kW 7.4 kW 11 kW									
Standard		IEC61		22 kW						
Charging method	Mode 3									
Available outlets	5m Cord (Type2) or Socket (Type 2 or Type 3A)									
Power system	1P + N + PE	1P + N + PE	3P + N + PE	3P + N + PE						
Rated voltage	230V AC ± 10%	230V AC ± 10%	230/400V AC ± 10%	230/400V AC ± 10%						
Frequency	50-60 HZ									
Rated current	16A	32A	16A	32A						
Rated impulse withstand voltage (Uimp)		41	·····································	•••••						
Rated conditional short-circuit current of an assembly (icc)"	10kA									
Rated diversity factor (RDF)	1									
Degree of pollution	2									
EMC classification	Class B emissions									
Protective measures against electric shock	Class I									
Connection to the mains	Permanently connected to the mains									
Grounding system type	TT or TN (both with PE)									
Indoor/outdoor installation		Exte	rnal							
Fixed or removable installation		Fix	ed							
Overvoltage category		III								
IP protection rating		IP 55								
IK protection rating		IK08								
Case material	100% recycled plastic									
Dimensions	275 mm x 480 mm x 140 mm									
Weight	7 kg (Socket), 8.5 kg (Cord)									
Operating temperature	-25+50°C									
Storage temperature	-25+70°C									
Humidity	095% (non-condensing)									
Altitude		Up to 2	000 m							
Product intended for use by		Unskilled		· • • • • • • • • • • • • • • • • • • •						
Positioning in area with	Unlimited access									
Magnetothermal protection		Not inc	cluded	· • • • • • • • • • • • • • • • • • • •						
Differential protection	Not included (6mA DC RCM only included)									
Energy meter	Compatible with external MID meters or TA meters									

Model FIMER FLEXA AC Wallbox Maximum power	Stand Alone			Inverter Net			Future Net					
	3.7 kW	7.4 kW	11 kW	22 kW	3.7 kW	7.4 kW	11 kW	22 kW	3.7 kW	7.4 kW	11 KW	22 kW
Bluetooth	•	•	•	•	•	•	•	•	•	•	•	•
RFiD	•	•	•	•	•	•	•	•	•	•	•	•
OCPP	-	-	-	-	-	-	-	-	OCPP 1.6 Json	OCPP 1.6 Json	OCPP 1.6 Json	OCPP 1.6 Json
3G/4G connection	-	-	-	-	-	-	-	-	•	•	•	•
Ethernet connection	-	-	-	-	-	-	-	-	•	•	•	•
WiFi	-	-	-	-	-	-	-	-	•	•	•	•
Status LED	•	•	•	•	•	•	•	•	•	•	•	•
Remote SW Updates	-	-	-	-	•	•	•	•	•	•	•	•

Available codes Rated Code EAN Version Rated voltage Description Pmax Connection current FLWSA0302SSN00 8033049748451 3.7 kW FIMER FLEXA AC Wallbox SA 3.7kW T2S Stand Alone 16A 230V AC T2 Socket FLWSA0302CSN00 8033049748468 FIMER FLEXA AC Wallbox SA 3.7kW T2C Stand Alone 3.7 kW 16A 230V AC T2 Cord FLWSA0303SSN00 8033049748475 FIMER FLEXA AC Wallbox SA 3.7kW T3AS Stand Alone 3.7 kW 16A 230V AC T3A Socket FLWIN0302SSN00 8033049748482 FIMER FLEXA AC Wallbox IN 3.7kW T2S 3.7 kW 16A 230V AC T2 Socket Inverter Net FLWIN0302CSN00 8033049748499 FIMER FLEXA AC Wallbox IN 3.7kW T2C Inverter Net 3.7 kW 16A 230V AC T2 Cord FLWIN0303SSN00 8033049748505 FIMER FLEXA AC Wallbox IN 3.7kW T3AS 3.7 kW 16A 230V AC T3A Socket Inverter Net FLWFN0302SSN00 8033049748512 FIMER FLEXA AC Wallbox FN 3.7kW T2S Future Net 3.7 kW 16A 230V AC T2 Socket FLWFN0302CSN00 8033049748529 FIMER FLEXA AC Wallbox FN 3.7kW T2C Future Net 3.7 kW 16A 230V AC T2 Cord FLWFN0303SSN00 8033049748536 FIMER FLEXA AC Wallbox FN 3.7kW T3AS 3.7 kW 16A 230V AC T3A Socket Future Net FLWSA0702SSN00 8033049748543 FIMER FLEXA AC Wallbox SA 7.4kW T2S Stand Alone 7.4 KW 32A 230V AC T2 Socket FLWSA0702CSN00 8033049748550 FIMER FLEXA AC Wallbox SA 7.4kW T2C Stand Alone 7 4 kW 32A 230V AC T2 Cord FLWIN0702SSN00 8033049748567 FIMER FLEXA AC Wallbox IN 7.4kW T2S Inverter Net 7.4 kW 32A 230V AC T2 Socket FLWIN0702CSN00 8033049748574 FIMER FLEXA AC Wallbox IN 7.4kW T2C Inverter Net 7.4 kW 32A 230V AC T2 Cord FLWFN0702SSN00 8033049748581 FIMER FLEXA AC Wallbox FN 7.4kW T2S Future Net 7.4 kW 32A 230V AC T2 Socket FLWFN0702CSN00 8033049748598 FIMER FLEXA AC Wallbox FN 7.4kW T2C Future Net 7.4 kW 32A 230V AC T2 Cord FLWSA1102SSN00 8033049748604 FIMER FLEXA AC Wallbox SA 11kW T2S Stand Alone 11 kW 16A 230/400V AC T2 Socket FLWSA1102CSN00 8033049748611 FIMER FLEXA AC Wallbox SA 11kW T2C Stand Alone 11 kW 16A 230/400V AC T2 Cord FLWIN1102SSN00 8033049748628 FIMER FLEXA AC Wallbox IN 11kW T2S Inverter Net 11 kW 16A 230/400V AC T2 Socket FLWIN1102CSN00 8033049748635 FIMER FLEXA AC Wallbox IN 11kW T2C Inverter Net 16A 230/400V AC T2 Cord 11 kW FLWFN1102SSN00 8033049748642 FIMER FLEXA AC Wallbox FN 11kW T2S 230/400V AC T2 Socket Future Net 11 kW 16A FLWFN1102CSN00 8033049748659 FIMER FLEXA AC Wallbox FN 11kW T2C Future Net 11 kW 16A 230/400V AC T2 Cord FLWSA2202SSN00 8033049748666 FIMER FLEXA AC Wallbox SA 22kW T2S Stand Alone 22 kW 32A 230/400V AC T2 Socket FLWSA2202CSN00 8033049748673 FIMER FLEXA AC Wallbox SA 22kW T2C Stand Alone 22 kW 32A 230/400V AC T2 Cord FLWIN2202SSN00 8033049748680 FIMER FLEXA AC Wallbox IN 22kW T2S 22 kW 32A 230/400V AC T2 Socket Inverter Net FLWIN2202CSN00 8033049748697 FIMER FLEXA AC Wallbox IN 22kW T2C 22 kW 230/400V AC T2 Cord 32A Inverter Net FLWFN2202SSN00 8033049748703 FIMER FLEXA AC Wallbox FN 22kW T2S Future Net 22 kW 32A 230/400V AC T2 Socket FLWFN2202CSN00 8033049748710 FIMER FLEXA AC Wallbox FN 22kW T2C 22 kW 230/400V AC T2 Cord Future Net 32A





