FIMER

FIMER FLEXA
AC Wallbox

FIMER FLEXA AC Wallbox is an EV charging device designed for residential applications and private parkings, which can be installed on a wall or on a dedicated stand.

FIMER FLEXA AC Wallbox offers different configurations, depending on connectivity (Stand Alone, Inverter Net and Future Net models), power (3.7 - 7.4 - 11 - 22 kW) and connection to the vehicle (T2 cable and socket and T3A socket).

FLEXA AC Wallbox is ideal for private use: installed in the garage or in the common courtyard, it allows to charge your electric vehicle in a simple way, making it faster and safer than a traditional domestic socket.

In applications where multiple charging points are required, FIMER FLEXA AC Wallbox provides a Master and Slave configuration allowing a competitive, smart and efficient solution thanks to its built-in load management system.

Cord T2
3,7 - 22 kW

Socket T2
3,7 - 22 kW

Socket T3A

Flexible
It is available in different power outputs and configurations.

Customizable
It has different levels of customization to meet customer needs.

Eco-friendly
Case and packaging are made of 100 % recycled materials.

SuperCap
Reliable and competitive solution allowing transaction closure and cable release in case of blackout.

Robust and safe
IP 55, IK 08.

Simple
Easy installation and maintenance.

Dynamic
Adjusts charging power to avoid exceeding supply limits.

FIMER FLEXA AC Wallbox - Stand Alone
The Stand Alone model is the competitive solution that integrates all the necessary functionalities to ensure simple and fast charging of the electric vehicle.

- Plug-in
- Load management
- BLE
- Master/Slave
- RFID (local)
- Local app (MyFIMERwallbox)

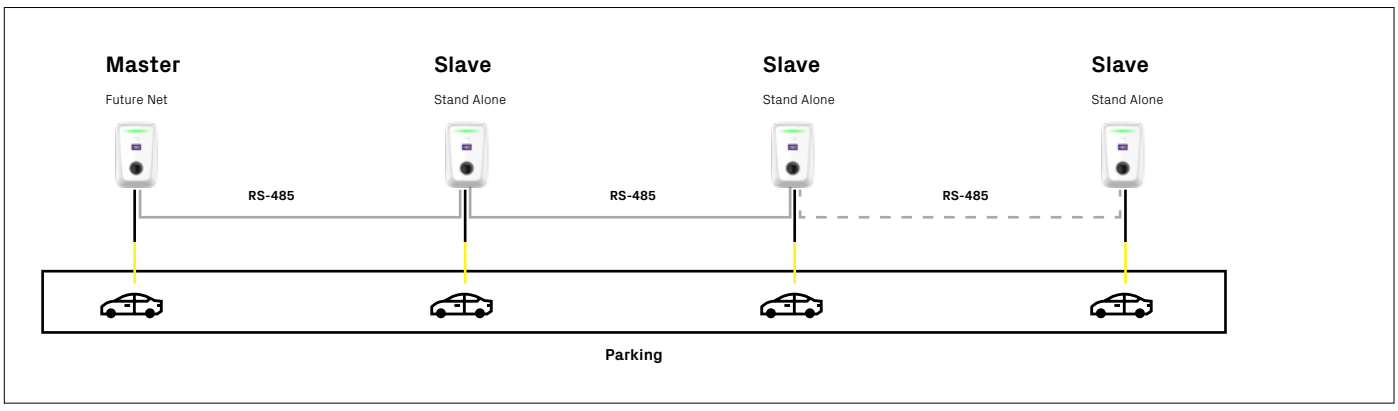
FIMER FLEXA AC Wallbox - Future Net
The Future Net model adds connectivity to the Wallbox by allowing connection to a backend, enabling charging service management.

- OCPP 1.6 Json
- Ethernet
- Modem 3G/4G
- Wi-Fi
- RFID (MSP)
- Master/Slave
- Load management

FIMER FLEXA AC Wallbox - Inverter Net
The Inverter Net model integrates with our photovoltaic inverter with storage battery REACT 2.

- Plug-in
- RFID (local)
- BLE
- Local app and platform (Aurora Vision®)

Master / Slave function.



Technical data

FIMER FLEXA AC Wallbox model	Stand Alone / Inverter Net / Future Net			
Maximum power	**3.7 kW**	**7.4 kW**	**11 kW**	**22 kW**
Standard	IEC 61851-1:2017, IEC 61851-21-2:2018			
Charging method	Mode 3			
Available outlets	5m Cord (T2) or Socket (T2 or T3A)			
Power system	1P + N + PE	1P + N + PE	3P + N + PE	3P + N + PE
Rated voltage [1]	230 V_{AC} ± 10%	230 V_{AC} ± 10%	400 V_{AC} ± 10%	400 V_{AC} ± 10%
Frequency	50-60 Hz			
Rated current	16 A	32 A	16 A	32 A
Rated impulse withstand voltage (Uimp)	4 kV			
Rated withstand short-circuit current (Isc)	10 kA			
Pollution degree	PD2			
EMC classification	Class B emissions			
Protective measures against electric shock	Class I			
Connection to the supply network	Permanently connected			
Grounding system type	TT or TN (both with PE)			
Installation	Indoor/Outdoor			
Fixed or removable installation	Fixed			
Overvoltage category	III			
IP protection rating	IP 55			
IK protection rating	IK 08			
Case material	100% recycled plastic			
Dimensions	300 x 480 x 145 mm			
Weight	7 kg (Socket), 8.5 kg (Cord)			
Operating temperature	-25....+50°C			
Storage temperature	-25...+70°C			
Humidity	0...95% (non-condensing)			
Altitude	Up to 2000 m			
Product intended for use by	Unskilled persons			
Positioning in area with	Non-restricted access			
Magnetothermal protection	Not included			
Differential protection	Not included (equipped with 6 mA_{DC} RCM			
Energy meter	Compatible with external MID meters or CT sensor			
Certification [2]	CE, RCM. UL, TR:2015, VDE AR-N 4100			

Specific Features

FIMER FLEXA AC Wallbox model	Stand Alone				Inverter Net				Future Net			
Maximum power	**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 reader	•	•	•	•	•	•	•	•	•	•	•	•
OCPP	-	-	-	-	-	-	-	-	1.6 Json	1.6 Json	1.6 Json	1.6 Json
3G/4G connection	-	-	-	-	-	-	-	-	•	•	•	•
Ethernet connection	-	-	-	-	-	-	-	-	•	•	•	•
Wi-Fi	-	-	-	-	-	-	-	-	•	•	•	•
Status LED	•	•	•	•	•	•	•	•	•	•	•	•
CT meter included	•	•	-	-	•	•	-	-	•	•	-	-

1) Please contact FIMER to check the availability of different rated voltages
2) Please contact FIMER to check the certification status

Available codes

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

Remarks:

- **Designed and manufactured in Italy**
- **Features not specifically listed in the present data sheet are not included in the product**

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For more information, please contact a FIMER representative or visit:

fimer.com

FIMER_AC-Wallbox-FIME FLEXA__EN_Rev_B 07-04-2022