



FIMER FLEXA AC WALLBOX

TECHNICAL DATA

Model	FLEXA AC WALL BOX 7.4kW		FLEXA AC WALL BOX 22kW	
Maximum Power	7.4kW		22kW	
Standard	IEC61851-1			
Charging Method	Mode 3			
Available Outlets	5m Cord (Type2) or Socket (Type 2)			
Power System	1P + N + PE		3P + N + PE	
Rated Voltage	230V AC ± 10%		400V AC ± 10%	
Frequency	50-60 HZ			
Rated current	32A			
Rated impulse withstand voltage (Uimp)	4kV			
Rated short-circuit current of an assembly (icc)	10kA			
Rated diversity factor (RDF)	1			
Degree of pollution	PD2			
EMC classification	Class B emissions			
Protective measures against electric shock	Class I			
Connection to the mains	Permanently connected			
Grounding system type	TT or TN (both with PE)			
Indoor/outdoor installation	Outdoor			
Fixed or removable installation	Fixed			
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	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			
Energy meter	Compatible with external MID meters or TA sensor			
Certification	CE, RCM (Australia Certification), UL			
Connectivity	Stand Alone	Future Net	Stand Alone	Future Net
Bluetooth / RFID	•	•	•	•
OCPP		1.6 Json		1.6 Json
3G / 4G / Ethernet / WiFi Connection		•		•
Status LED	•	•	•	•
Remote SW Updates		•		•
TA Meter Included	•		•	
Part Number	3Q760712800	3Q760713200F	3Q762214000F	3Q762214400F

Specifications and designs included in this data sheet are subject to change without notice.

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Reorder code: SHB/EV_FIMER_FLEXA SOLA1280_Fimer_EV_4pp_Brochure_May 2023



GET SMART
GET SOLAHART

CHARGE YOUR CAR
CONNECT YOUR HOME
SECURE YOUR FUTURE

Solahart's new EV charger and energy management solution.



THE FIMER ELECTRIC VEHICLE CHARGER

The FIMER FLEXA AC Wallbox is an Italian-made electric vehicle charger designed for residential and commercial applications. It allows you to charge your vehicle quickly, simply, and safely.

This impressive unit can be operated manually as a simple stand-alone EV charger, or coupled with a Solahart Home Energy Management System (HEMS). This smart configuration allows you to control your EV charger alongside other home-connected appliances like a smart-connected water heater, air conditioner, and pool pump, to take advantage of the best energy prices, reduce the amount of excess power you send back to the grid, and maximise the use of your solar power.

The charger can be mounted on a wall, or a dedicated stand, and comes in two sizes: 7.4kW for single-phase homes and 22kW for 3-phase homes. It also comes in two models: the Stand Alone model for simple plug and charge use, and the Future Net which is ideal for more complex smarter charging applications.

Each FIMER FLEXA AC Wallbox can be configured in Leader (Future Net) or Follower (Stand Alone) mode. This feature, combined with a built-in Load Management system, makes multiple installations even more efficient, for example, in public and company car parking facilities.

PUT THE POWER IN YOUR HANDS

The FIMER FLEXA AC Wallbox range of EV chargers is easy to use and easy to tailor to your needs whether you have a single electric vehicle at home or a business with multiple vehicles.

Bluetooth connectivity and RFID reader for access management

Local LED signals to indicate charging status and faults

Leader/Follower functionality for multiple vehicles

100% recycled plastic case

Safe with IK08 and IP55 protection level and anti-tamper technology

Easy to assemble and easy to use

MORE WAYS YOU BENEFIT

Smart Charging

Coupling your FIMER EV Charger with a Solahart Home Energy Management System allows you to monitor the performance of your EV charger with your homes other connected appliances.

Solar Integration

If you have solar power, or plan to install it, you can link it to create a fully integrated eco-system and maximise your use of energy free from the sun.

Lower Bills and Lower Emissions

By including you EV charger as a connected appliance in the Solahart HEMS, it can be configured to help you minimise your exposure to rising power prices. It lets you use your EV Charger when electricity prices are lower or when your solar energy production is higher.

Modular Design

FIMER Stand Alone EV chargers are perfect for home installations. For business, a combination of the Stand Alone and Future Net models are a great scalable solution.

Manufacturer's Warranty

Enjoy a 2-year manufacturer's product warranty as standard, or purchase an extended 5-year warranty for extra peace of mind.



A fully integrated eco system

Solahart HEMS is a technology platform comprising both hardware (the Solahart Home Energy Management Unit) and software (the Solahart atHome App). Using seasonal and daily weather patterns, the Solahart HEMS decides when it's best use energy-intensive connected appliances. It intelligently coordinates the performance of your PV system, hot water tank, home battery, EV charger and other connected appliances to help reduce energy costs. And you can monitor your energy production and consumption via the Solahart atHome App.

How does it work ?

