



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	•		•	

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

Book a free on-site solar assessment
Call 1300 769 475 or visit solahart.com.au



Reorder code: SHB/EV_FIMER_FLEXA SOLA1209_Fimer_EV_4pp_Brochure_Dec 2022



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) to operate as a smart device. 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 Energy Management System allows you to monitor the performance of your EV charger with your homes other connected appliances via an app to take advantage of the lowest energy tariffs.

Solar Integration

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

Lower Bills and Lower Emissions

By operating your charger as a smart device, you'll minimise your exposure to rising power prices and minimise your carbon emissions at the same time.

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.

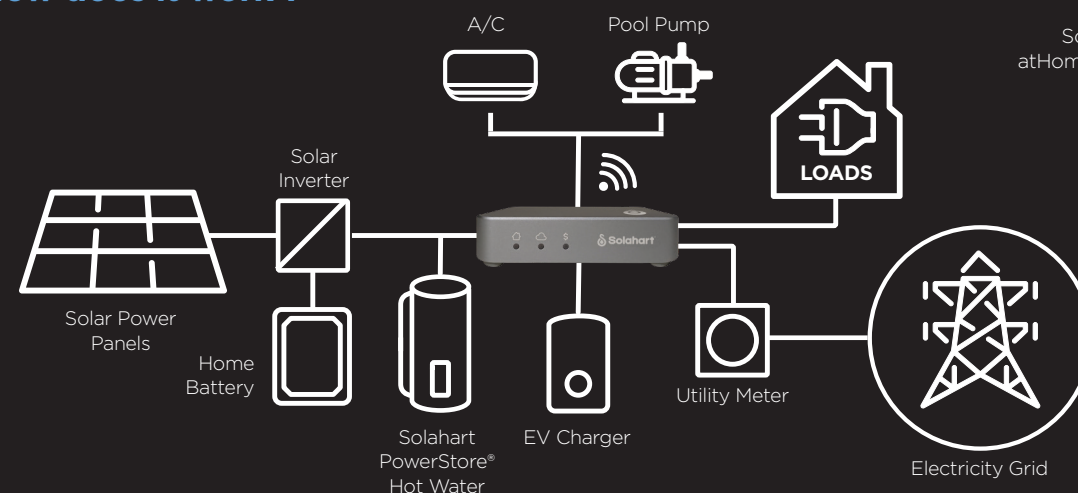
THE SOLAHART ENERGY MANAGEMENT SYSTEM



A fully integrated eco system

This powerful system operates as an intelligent hub that can help you manage your electric vehicle charger, air-conditioning, pool pump and other large connected home appliances to minimise your energy costs. If your home has solar power installed, the unit allows you to create a fully integrated eco system which monitors your energy usage and your solar energy production. Using this data, it helps you shift loads away from expensive periods and maximise the use of your solar energy to further reduce your energy costs. And you can control it all with touch of a button via the atHome App.

How does it work ?



Solahart
atHome App

