ELECTRIC VEHICLE CHARGERS

Solahart
ENERGY *Free* FROM THE SUN®

solar*edge*

EV CHARGER

7KW SINGLE PHASE EV CHARGER: SE-EV-SA-KIT-LM32

SOLAHART
3 YEAR
AUSTRALIAN WARRANTY

How you benefit:

MODERN & USER-FRIENDLY DESIGN
• Easy to install and maintain.

REMOTE CONTROL & MONITORING
• Intelligent monitoring & scheduling.
• Manage PV and charging systems via the SolarEdge app.

SAFE OPERATION
• IP66 design for indoor/outdoor use.

INNOVATIVE
Integrates with new & existing SolarEdge PV and storage systems.

SOLAHART WARRANTY
Enjoy a 3-year warranty, for peace of mind.*

The SolarEdge 7.4KW EV charger is the perfect solution for homeowners looking to beat rising energy prices. The SolarEdge EV charger provides type 2 charging and can be used with or without a solar system.

The simple easy to use SolarEdge app provides all the functionality needed for an EV owner to charger their vehicle.

Integrating a SolarEdge EV Charger into your SolarEdge Home ecosystem helps you benefit from smart energy management, scheduled charging and free solar power for your car. If you would like to add an additional charger, it can be remotely managed by the mySolarEdge app.

Grid outage? No problem - if you have the SolarEdge Home backup suite (SolarEdge Home Hub Inverter, SolarEdge Home Backup Interface, and SolarEdge Home Battery). Simply classify your EV Charger as an essential device and it will charge even when the grid is down.

Technical Data	SE-EV-SA-KIT-LM32
EV Charger Specifications	
Charging Mode	AC Level 2 / Mode 3
Rated AC Power Output (kW)	74
Maximum Output Current @230Vac (A)	32 [1]
Nominal AC Output Voltage (Vac)	230
Nominal AC Frequency (Hz)	50 / 60
Residual Current Detector (AC)	Type A (30 mA rms)
Supported Communication Interfaces	Wi-Fi (built-in antenna included)[2], Ethernet, RS485
Cable Specifications [4]	
EV Connector	IEC 62196 Type 2
Length (m)	7.6
Weight (kg)	5.7
Features Supported with Compatible Solaredge Inverters	
Smart Energy Management	Smart schedules, excess solar charging [3]
Additional Features	
Status LEDs, Fault Indicator	Yes
Unplugging Detection	Yes, current termination according to IEC 62196
Ground Connection Monitoring	Yes, continuous
Monitoring and Control	Installer commissioning via SetApp. Homeowner configuration, controls and monitoring via **mySolarEdge** mobile app
Standard Compliance	
EMC	IEC 61851-21-2
Safety	IEC 61851-1
Installation Specifications	
Compatible SolarEdge Inverters	Residential inverters with SetApp configuration, including: SolarEdge Home Genesis Inverters, SolarEdge Home Hub Inverters, SolarEdge Three Phase Residential Inverters
Dimensions (H x W x D)	309 x 190 x 154 (mm)
AC Wires (mm^2)	2.5 – 16
Weight (kg)	2.85
Protection Rating (connected to EV or with dust cap)	IP54
Operating Temperature Range (°C)	-30 to +50

[1] Additional available settings by DIP switch: 16A, 20A, 25A and 32A.
[2] To extend Wi-Fi communication, use an optional Wi-Fi antenna. For antenna specifications, see the Antenna for Wi-Fi and ZigBee Wireless Communications datasheet.
[3] When the SolarEdge Home EV Charger is connected to the inverter, an import/export meter is required for controlled excess solar charging.
[4] Cables are not part of the model and will be ordered separately according to the ordering Information below. .
* Please visit SolarEdge website for the latest certificates.
* Refer Solahart Warranty for details of the product warranty and Solahart Owner's Guide & Installation Instructions for installation details.
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Reorder code: SHSD/SEEV   ir5345 SolarEdge EV Charger_Dec_2024_v3