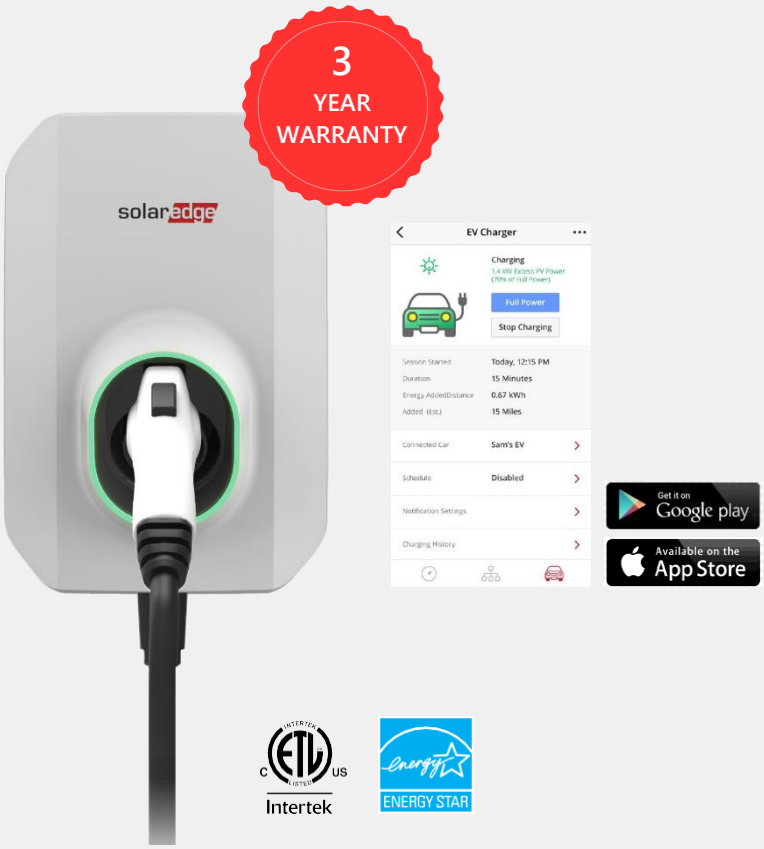
SolarEdge Home EV Charger

For Australia and New Zealand

EVSA-32A-01

SMART ENERGY



Smart EV Charging with SolarEdge

- Wi-Fi enabled, level 2 charging station, with up to 32A (7.4kW) charging power
- Control and monitoring via app - including remote operations, smart scheduling and charging history
- Industry-leading 3-year warranty(1)
- Rated for indoor or outdoor use
- Suitable for use with or without a SolarEdge PV system

Optimized charging, when connected to a SolarEdge inverter:

- Charges EV with up to 100% renewable energy by using excess-solar mode(2)
- Synchronizes with the full SolarEdge ecosystem (PV, home backup, and smart home devices), all managed by a single mobile app

(1) For additional information regarding the EV charging cable warranty terms, see the Limited Product Warranty.
(2) SolarEdge import/export meter and communication connectivity with the SolarEdge inverter are required for controlled excess solar charging.

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EV CHARGER SPECIFICATIONS		
Charging Mode	AC Level 2 / Mode 3	
Rated AC Power Output	7.4	kW
Maximum Output Current @230Vac	32(1)	A
Nominal AC Output Voltage	230	Vac
Nominal AC Frequency	50 / 60	Hz
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	7.6	m
Weight	5.7	kg
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	2.5 – 16	mm^2
Weight	2.85	kg
Protection Rating (connected to EV or with dust cap)	IP54	
Operating Temperature Range	-30 to +50	˚C

(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.

ORDERING INFORMATION	
PART NUMBER	**DESCRIPTION**
SE-EV-SA-KIT-LM32	Kit of SolarEdge Home EV Charger and 7.6m cable
SE-EV-CBL-25M32	7.6m cable

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