SolarEdge Home EV Charger
For Australia and New Zealand

EVSA-32A-01

SMART ENERGY

3 YEAR WARRANTY

EV Charger

Charging
1.4 kW Excess PV Power
(70% of Full Power)

Full Power

Stop Charging

Session Started	Today, 12:15 PM
Duration	15 Minutes
Energy Added/Distance Added (Est.)	0.67 kWh / 15 Miles
Connected Car	Sam's EV
Schedule	Disabled
Notification Settings	
Charging History	

Get it on Google play

Available on the App Store

ETL Listed Intertek

ENERGY STAR
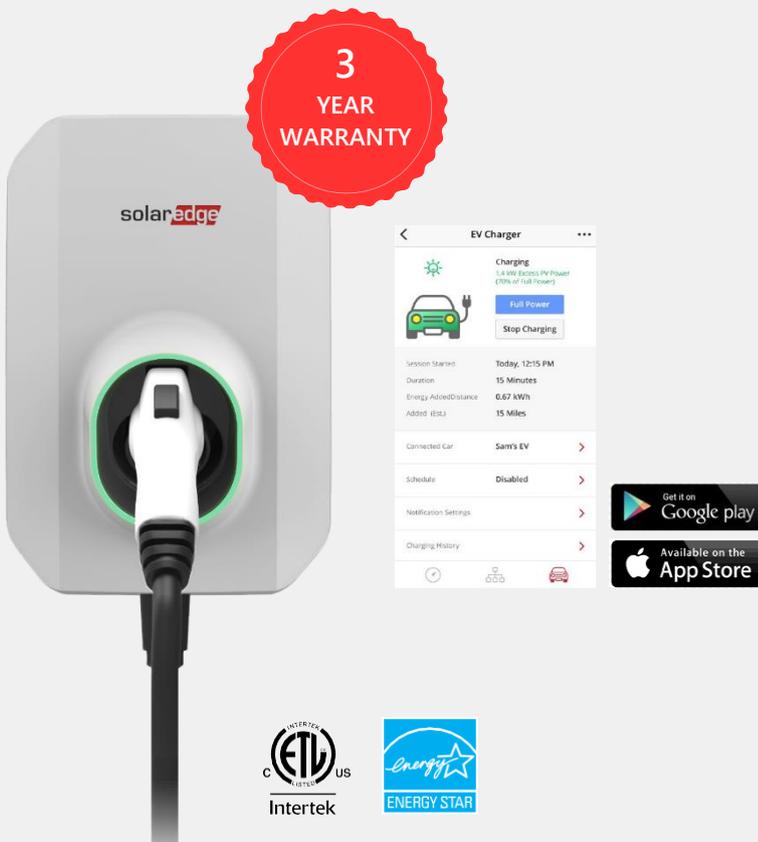
Smart EV Charging with SolarEdge

/ 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 please refer to: https://www.solaredge.com/warranty.
(2) SolarEdge import/export meter and communication connectivity with the SolarEdge inverter are required for controlled excess solar charging.

solaredge

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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 and Cellular (optional)[3]	

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[5]	

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

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 optional Wi-Fi antenna. For antenna specification refer to: https://www.solaredge.com/sites/default/files/se-wifi-zigbee-wireless-antenna-datasheet-na.pdf.
(3) Optional cellular kit can be ordered.
(4) Cables are not part of the model and will be ordered separately according to the ordering Information below.
(5) When SolarEdge Home EV Charger is connected to the inverter, an import/export meter is required for controlled excess solar charging.

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
SE-EV-SA-AU-32	SolarEdge Home EV Charger without cable
SE-EV-SA-KIT-LM32	Kit of SolarEdge Home EV Charger and 7.6m cable
SE-EV-CBL-25M32	7.6m cable
SE-EV-HLD-T1-V2	Replacement cable holder

CE RoHS