



SolarEdge EV Charger

An Integrated PV/EV Charging Solution



Expand your PV offering beyond solar & storage with an easy to install EV charger powered by solar energy. Bring your customers convenient, fast charging from home, from the world's #1 inverter company.*

Charge your car with solar power

Our EV Charger seamlessly integrates with the SolarEdge Home smart energy ecosystem, enabling customers to increase self-consumption: charging from the sun by day or from their battery at night. And you benefit from having one single source for a full range of products, warranties, support, training, and system management.



*In revenue, excluding China; including China #1 global inverter company globally in revenue 2018-2021, #2 in 2022. Source: IHS PV Market Tracker Q1 2023

A Smarter EV Charger

The SolarEdge EV Charger is a simple plug and play unit that can service all EV models. Using mySolarEdge app, the homeowner can schedule charging when tariffs are low or use self-produced solar, to further reduce their electricity bills. The device connects to our OCPP server to provide consumption data through the mySolarEdge app and can generate charging reports for employer reimbursement. As part of the SolarEdge Home ecosystem, the SolarEdge EV Charger enables

your customers to benefit from a complete PV/EV smart energy solution.

G100 Issue 2 Amendment 2 compliant

Designed to detect tamper attempts and send alerts to the user, it also meets G100 Issue 2 Amendment 2 recommendations for import and export limitation schemes. With the advent of enforcement of these rules, it is more important than ever to choose a compliant charger.

Product highlights:

- Utilizes excess PV to charge EV from the sun, for reduced homeowner electricity bills
- Suitable for single and three phase installations, for both indoor and outdoor use
- G100 Issue 2 Amendment 2 compliant - meets import and export limitation schemes and designed to detect tampering
- Enables smart charging with our custom scheduling feature, allowing automatic charging during low-rate periods
- Control and monitoring via the mySolarEdge app, including remote operations, charging schedules, and charging history
- OCPP compatible
- Integrated optional RFID card authentication and MID meter**
- Protect the home's main circuit breaker from tripping due to overcurrent by dynamically modifying the EV Charging power output so that the system overall remains in an energy balance

** Only available in SolarEdge EV Charger for residential Three Phase systems



About SolarEdge

SolarEdge is a global leader in smart energy technology. With world-class engineering capabilities and a relentless focus on innovation, we create smart energy products and solutions that power our lives and drive future progress.

About SolarEdge Home

SolarEdge Home is a DC optimized smart energy ecosystem that enables PV professionals to differentiate and grow their business. It's comprised of a complete portfolio of smart energy products that allows homeowners to control and optimize their energy production, consumption and storage and backup.

By offering homeowners a single-vendor, easy to install solution that can grow with evolving energy needs, installers enjoy more earning opportunities and maximize customer lifetime value.



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Visit www.solaredge.com/homeowners to learn more about our smart energy solutions.

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