

solar**edge**

# SolarEdge Home EV Charger

Drive your customers to a greener future



## / An Integrated PV/EV Charging Solution

Looking to differentiate your residential portfolio and improve customer satisfaction? Add the easy-to-install SolarEdge Home EV Charger to your product offering - the robust, sustainable EV-charging solution from the world's #1 home solar company.

### Renewable Power Source for Electric Vehicles

The rapid growth in EVs worldwide has spurred a growing need for at-home charging. Estimates suggest that electricity demand for private EV chargers in Europe will increase more than fifteenfold by 2030.<sup>1</sup> Despite the fact that EVs do not emit greenhouse gases, charging them requires a lot of electricity which is still largely fossil-fuel dependent.

With more and more many people wanting to charge their EVs at home, charging alone could contribute to as much as 50% of a household's annual electricity consumption.<sup>2</sup> So, for EVs to be truly green and cost-effective, the electricity for charging them needs to come from a renewable source.

<sup>1</sup> Source: <https://www.bcg.com/publications/2021/the-evolution-of-charging-infrastructures-for-electric-vehicles>

<sup>2</sup> Source: Internal SolarEdge Monitoring data

# / Charging EVs with SolarEdge PV

The new SolarEdge Home EV Charger brings you exciting new business opportunities and enables homeowners to drive on sunshine.



## Upselling opportunities

Increase the value of your SolarEdge Home offering by upselling the EV Charger as an add-on device. If you need to boost charging capacity, you can increase the PV system's size, and further reduce grid dependency.



## One vendor

A trusted home solar energy leader for all your PV/EV solutions and warranties provides easier servicing, logistics and support, as well as monitoring and control of PV and EV from a single app.



## Easy installation and maintenance

A simple plug & play unit, the SolarEdge Home EV Charger works with all EV models and integrates seamlessly into the SolarEdge Home ecosystem.



## Differentiated offering

Expand your portfolio by offering a holistic PV/EV charging solution that enables homeowners to reduce their electric bills by utilizing excess PV\* power to charge their EVs.

\* Expected availability in 2022 via software upgrade

## Product highlights:

- / Integrates seamlessly with the SolarEdge Home smart energy management system
- / Mode 3 charging unit, suitable for single phase and three phase installations
- / Up to 22kW (32A) for three phase and 7.4kW (32A) for single phase
- / 3-year warranty
- / Suitable for both indoor and outdoor use
- / Includes an integrated 6m EV-charging cable with Type 2 connector
- / Integrated optional RFID card authentication and MID meter
- / OCPP compatible\*

\* Expected availability in 2022 via software upgrade



## 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.


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## SolarEdge Home

SolarEdge Home is the all-in-one smart energy management system designed to maximize energy production, consumption, storage and backup. It combines patented SolarEdge PV technology, including Power Optimizers, the SolarEdge Energy Hub inverter and SolarEdge Energy Bank battery, with innovative smart energy solutions all controlled from the mySolarEdge app. With SolarEdge Home, homeowners can significantly reduce their electricity bills, lead more sustainable lifestyles, and add more smart energy devices as their needs evolve.