

SolarEdge Home Product Guide

SolarEdge Home is a personal, 24-hour home energy management system that controls and optimizes energy production, consumption, storage & backup in real-time. This complete ecosystem includes the following products:



SolarEdge Power Optimizers

Maximize the amount of power each module produces while providing module-level safety and visibility

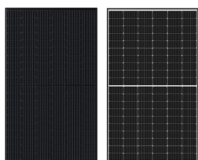
- / S440 / S500 / S500A* / S500B / S650B
- / SolarEdge Sense Connect: Designed to prevent electric arcs for a higher level of site protection



Video



S440 / S500 / S500B / S650B



SolarEdge Smart Modules

Integrated with our Power Optimizers for maximum power generation, enabling faster installation and simplified logistics

- / Providing up to 410W module power
- / Reduced installation time and costs



370W-375W white backsheet



370W all-black



410W white framed



Brochure



SolarEdge Home Hub Inverters

The ultimate home energy managers in charge of PV production, battery storage, backup operation during a power outage**, EV charging and smart energy devices

- / Single phase inverters: 3kW-6kW (8-10kW coming soon)
- / Three phase inverters: 5kW-10kW*



Hub Inverter Single Phase



Hub Inverter Three Phase



SolarEdge Home Wave Inverters

Combining award-winning technology, our inverters seamlessly manage PV production, on-grid battery storage, EV charging and smart energy devices

- / Single phase inverters: 2.2kW-10kW
- / Three phase inverters: 3kW-10kW



Wave Inverter Single Phase



Wave Inverter Single Phase



Wave Inverter Three Phase



SolarEdge Home Batteries

Our highly efficient, DC-coupled batteries store any unused solar energy to power the home at night, on cloudy days, or during a power outage**

- / 400V, 9.7kWh battery. For increased system capacity, add up to 3 batteries per inverter
- / 48V, 4.6kWh battery. For increased system capacity, add up to 5 battery modules per inverter



Battery 400V



Battery 48V



SolarEdge Home Backup Interface*

Automatically provides backup power to home loads in the event of grid interruption

- / Seamless integration with the SolarEdge Home Hub Inverter to manage and monitor both PV generation and energy storage



Backup Interface Single Phase



Backup Interface Three Phase



SolarEdge EV Charger

EV charging solution that enables homeowners to drive on solar power

- / One trusted vendor for PV + EV charging
- / Mode 3 charging station, with up to 32A (22kW) charging power



EV Charger



SolarEdge Home Smart Energy Management Devices

Optimize the use of solar energy to manage and power compatible home appliances, enabling homeowners to maximize self-consumption and lower their electricity bills

- / SolarEdge Home Hot Water Controller
- / SolarEdge Home Smart Socket*
- / SolarEdge Home Load Controller
- / SolarEdge Home Smart Switch*



Hot Water Controller



Load Controller

* Coming soon



SolarEdge Home Local Controller*

The SolarEdge ONE's Local Controller that optimizes energy management for 3rd-party integrations

- / Enables operation and control of the system when in offline mode, even during an outage***
- * Coming soon

* For expected availability in your region, please check with your local SolarEdge representative.

** Backup applications are subject to local regulations, requiring connections with SolarEdge Home Hub Inverters, Batteries and Backup Interface.

*** When the system components are connected to the same local network



SolarEdge Home Product Guide

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SolarEdge Home Network



Wirelessly connects the devices in the SolarEdge Home smart energy management ecosystem

- // Simple plug and play connection to the inverter
- // Faster, easier, cleaner installations
- // Long transmission ranges, reliable and robust communications
- // Built into the SolarEdge Home Hub Inverters

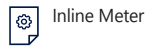


SolarEdge Home Inline Meter



An easily installed, highly accurate import/export, production/consumption metering solution

- // Provides insight into the home's consumption and consumption profile 24/7, displayed in the SolarEdge Monitoring Platform and mySolarEdge app
- // Easily fits into standard electrical distribution cabinets



Sales Proposal Tool*



Generate accurate sales proposals on the spot customized to homeowner preferences

- // Interactive Energy and financing simulations
- // 3D roof modeling, editable, with automated electrical design
- // Storage and backup modeling including Time of Use and dynamic rate plans
- // Powered by SolarEdge Designer software database engine

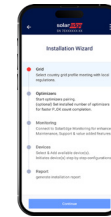
* **Coming soon**

SolarEdge Designer



Plan, visualize and optimize PV projects for maximizing and optimizing energy production, storage and backup

- // Importing and exporting to AutoCAD
- // AI-assisted roof detection and 3D roof modeling
- // Irradiance map and shading analysis
- // Automated electrical design



SetApp

Mobile app for quick inverter activation, pairing and configuration of the PV system from an installer's mobile phone

- // Step-by-step visual tutorials for installation verification, commissioning, remote configuration and firmware upgrade
- // Wireless connectivity among all system devices, and device auto discovery



Monitoring

Easy-to-use installer platform for enhanced PV performance tracking and maximizing yield of each site's system down to module level

- // Remote configuration and troubleshooting to reduce site visits
- // Automated diagnostics and fault detection alerts
- // Real-time PV layout view and reporting



mySolarEdge

Mobile app for homeowners to track their solar system and easily resolve issues

- // Intuitive visuals of real-time and historical production and consumption data
- // Manage operation of SolarEdge Home Battery and smart loads according to Time of Use rate plans. Support dynamic rate plans * **Coming soon**
- // Adjust Wi-Fi settings for inverter communication



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