

SolarEdge Commercial Product Guide



Three Phase Inverters

- 16kW-40kW models
- Fixed voltage inverters for superior efficiency and longer strings
- Integrated arc fault protection and optional rapid shutdown



Three Phase Inverters with Synergy Technology

- 66.6kW-120kW models
- Combines large capacity with ease of installation
- Reduces time onsite with automatic system validation before grid connection
- Streamlined cabling and lower BoS costs with single DC connection option



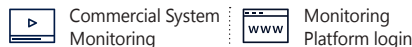
Power Optimizers

- Supporting module outputs up to 600W
- Module-level optimization with 1:1 or 2:1 PV module to Power Optimizer ratio
- Advanced safety features for maximum protection of people and property
- Includes SolarEdge Sense Connect which avoids thermal issues via early detection of improper connector issues or malfunctions (S-Series models only)
- Compatible with all module types including high power and bi-facial



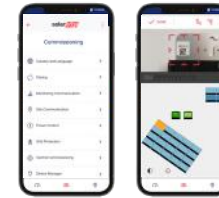
Monitoring Platform

- Free, real-time system visibility at the module level, anytime, anywhere
- Pinpointed alerts for faster maintenance and higher system uptime
- Dedicated Monitoring installer app and mySolarEdge app for system owners



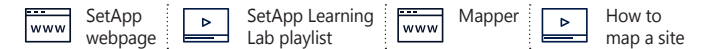
SolarEdge Designer

Online tool to plan, build and validate your SolarEdge systems from inception to installation



Installation and Commissioning Tools

- SetApp:** Easy inverter commissioning direct from the installer's smartphone
- Mapper:** Quick creation of virtual site maps in the Monitoring Platform via a mobile app



Communications Devices

Multiple options for wireless connection of inverters to the SolarEdge monitoring server, such as Wi-Fi and cellular



Energy Meter & Current Transformers

Supports high accuracy production/consumption monitoring, and export limitation



Performance Monitoring

Calculate site performance ratio and measure environmental conditions



Surge Protection Devices

Protect the AC/DC power lines and RS485 communication buses of SolarEdge Three Phase Inverters from electrical surges, such as lightning.



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 / S500B

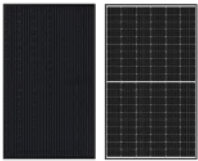
/ SolarEdge Sense Connect: Designed to prevent electric arcs for a higher level of site protection



Video



S440 / S500 / S500B



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: 2.5kW-10kW

/ Three phase inverters: 5kW-10kW*

*Coming soon



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



Backup Interface

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



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*

*Coming soon



SolarEdge Home Network

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

/ Simple plug and play connection to the inverter

/ Long transmission ranges, reliable and robust communications

/ Faster, easier, cleaner installations



Network



SolarEdge Home Inline Meter

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

/ Provides insight into the household consumption and consumption profile

/ Easily fits into standard electrical distribution cabinets

24/7, displayed in the SolarEdge Monitoring Platform and mySolarEdge app



Inline Meter



mySolarEdge App

The homeowner's app that tracks and controls PV system production and household energy consumption

/ Real-time system visibility down to the module-level

/ One app to control the full SolarEdge Home suite



mySolarEdge webpage

* 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.

