

SolarEdge Commercial Product Guide



Three Phase Inverters

- 9kW-40kW models
- Fixed voltage inverters for superior efficiency and longer strings
- Integrated arc fault protection and rapid shutdown



Three Phase Inverters with Synergy Technology

- 50kW-120kW models
- Combines large capacity with ease of installation
- Reduces time onsite with pre-commissioning before grid connection



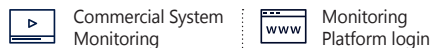
Power Optimizers

- Power Optimizer models for 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)
- Supports all module types including high power and bi-facial



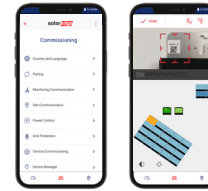
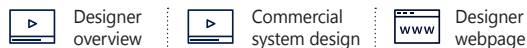
Monitoring Platform

- 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



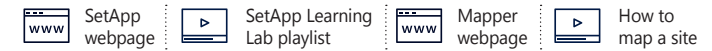
SolarEdge Designer

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



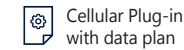
Installation and Commissioning Tools

- 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



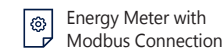
Cellular Communications

Wireless connection to the SolarEdge monitoring server via cellular network



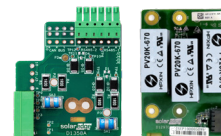
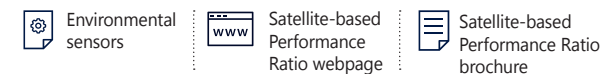
Energy Meter & Current Transformers

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

The Smart Energy Ecosystem that puts you in control of how you produce and manage your home energy. The complete ecosystem includes the following products:

Learn more at <https://solaredgehome.solaredge.com/>



SolarEdge Power Optimizers

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

- ! S440 and S500 models
- ! Enhanced safety features for maximum protection of people and property

S440 and S500 datasheet



SolarEdge Home Hub Inverters

Puts record breaking energy efficiency and control at the center of the ecosystem, wirelessly managing solar power, battery backup, EV charging, and smart energy devices

- ! Single phase inverters: 3kW-11.4kW

SolarEdge Home Hub datasheet

SolarEdge Home Hub Product page



SolarEdge Home Wave Inverters

Optimized for PV, support upgrade to on-grid battery storage, and compatible with the entire SolarEdge Home suite of solutions

- ! Single phase inverters: 3kW-10kW

SolarEdge Home Wave datasheet

SolarEdge Home Wave webpage



SolarEdge Home Battery

DC-coupled battery offering record breaking 94.5% round trip efficiency

- ! 10kWh battery stackable up to three batteries per inverter
- ! Up to 30% more continuous power than legacy battery technology

SolarEdge Home Battery datasheet

SolarEdge Home Battery webpage



SolarEdge Home Backup Interface*

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

- ! Reduced main panel upgrades and derating of the main breaker
- ! Seamless integration with the SolarEdge Home Hub Inverter to manage and monitor both PV generation and energy storage

Backup Interface datasheet

BUI webpage



SolarEdge Home EV Charger

An integrated PV/EV charging solution that enables homeowners to drive on solar power

- ! Combines sun and grid power for charging up to 2.5 times faster than standard EV chargers
- ! One trusted vendor for PV + EV

EV Charger datasheet



SolarEdge Home Smart Energy Devices*

A suite of smart energy products that help the homeowner achieve lower electricity bills, increased energy independence, and provide greater convenience

- ! SolarEdge Home Hot Water Controller
- ! SolarEdge Home Smart Switch
- ! SolarEdge Home Load Controller

SolarEdge Home Hot Water Controller datasheet

SolarEdge Home Load Controller datasheet

SolarEdge Home Smart Energy Devices webpage



SolarEdge Home Network

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

- ! Simple plug and play connection to the inverter
- ! Longer transmission ranges and more reliable and robust communications
- ! Faster, easier, cleaner installations

SolarEdge Home Network datasheet

SolarEdge Home Network webpage



mySolarEdge App

Manage solar, battery, EV charging, and more from anywhere with the mySolarEdge app

- ! Real-time system visibility at 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