

# SolarEdge Commercial Product Offering



## Three Phase Inverters

- / 16kW-33.3kW models
- / Fixed voltage inverters for superior efficiency and longer strings
- / Integrated arc fault protection and optional rapid shutdown



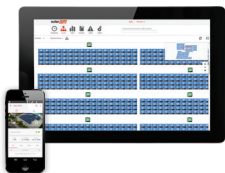
## Three Phase Inverters with Synergy Technology

- / 50kW-100kW models
- / Combines large capacity with ease of installation
- / Reduces time on site with automatic system validation before grid connection



## Power Optimizers

- / P605-P1100 and S1200 panels for panel outputs up to 600W
- / Panel-level optimisation with 1:1 or 2:1 PV panel 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 panel types including high power and bi-facial



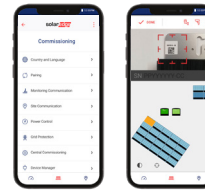
## Monitoring Platform

- / Free, real-time system visibility at the panel 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
- / Firefighter Gateway providing central safety management for the SolarEdge system



## Energy Meter & Current Transformers

Supports high accuracy production/consumption monitoring and export limitation

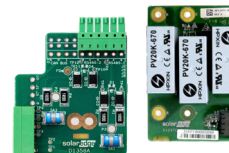
### Energy Meter

- /  $\pm 1\%$  accuracy for export/import, production and consumption energy readings
- / Small and easy to install in standard electrical panels
- / G100 compliant



## 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 optimises energy production, consumption, storage and backup in real-time. This complete ecosystem includes the following products:



## SolarEdge Power Optimizers

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

- ! Variety of Power Optimizers supporting modules up to 600W
- ! Enhanced safety features for maximum protection of people and property



## SolarEdge Smart Modules

With integrated Power Optimizers and half-cut module technology, each module provides more power

- ! All-black modules up to 370W
- ! Reduced installation time and costs



## SolarEdge Home Wave Inverters

Optimised for PV, supports upgrades to on-grid battery storage and compatible with the entire SolarEdge Home suite of solutions

- ! Single phase inverters: 3kW-10kW\*
- ! Three phase inverters: 3kW-12.5kW



## SolarEdge Home Hub Inverters\*

Serve as the core of smart home energy, wirelessly managing the battery, backup power, EV charging and smart energy devices

- ! Single phase inverters: 3kW-10kW
- ! Three phase inverters: 5kW-10kW



## SolarEdge Home Battery

A DC-coupled storage solution providing higher overall system efficiency

- ! 400V, 10kWh battery for single phase systems
- ! 48V, 4.6kWh modular battery for three phase systems\*\*
- ! Includes advanced safety features



## 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



## SolarEdge EV Charger\*

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

- ! One trusted vendor for PV + EV
- ! Single phase and three phase models
- ! Mode 3 Charging station, available in 2 versions, single phase tethered and three phase untethered providing up to 32A (22kW) charging power



## 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 Socket
- ! SolarEdge Home Smart Switch
- ! SolarEdge Home Load Controller



## 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 Energy Meter

Supports high accuracy production/consumption monitoring and export limitation

### Energy Meter

- ! ±1% accuracy for export/import, production and consumption energy readings
- ! Small and easy to install in standard electrical panels
- ! G100 compliant



## mySolarEdge App

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

- ! Real-time system visibility at the module level
- ! One app to control the full SolarEdge Home suite

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

\*\* Compatible with StorEdge Three Phase inverter. For compatibility with SolarEdge Home Wave Inverters - Three Phase, please check with your local SolarEdge representative.

