

SolarEdge Overview



SolarEdge provides groundbreaking distributed solar power harvesting and PV monitoring systems. The company's technology maximizes power generation for residential, commercial and large-scale PV systems. The SolarEdge portfolio of products includes power optimizers, highly reliable PV inverters with 98% efficiency and a web portal for module-level monitoring and fault detection.

Up to 25% more energy

Increased energy yield & faster return on investment through module-level MPPT

- No module power mismatch loss
- No partial shading loss
- No soiling mismatch loss
- No aging mismatch loss

Constraint free design

Maximum space utilization with minimum design time

- Modules on different orientation and tilts in the same string
- Different module types in a single string
- Strings of different lengths connected to same inverter
- Longer strings - up to 50 modules per string

Cost efficient maintenance

Full visibility of system performance & remote troubleshooting

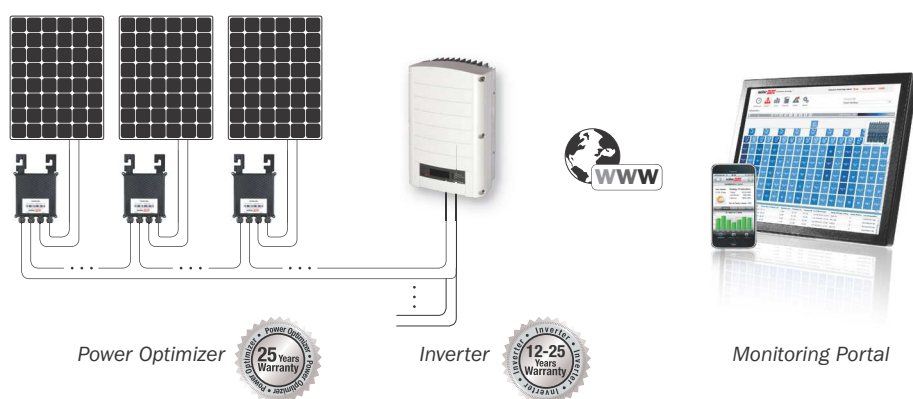
- Module-level performance data
- Presentation of complete system on virtual site map
- Automatic alerts on system issues
- Easy access via web browser from computer or smartphone

SafeDC™ - DC safety

Safety during installation, maintenance, firefighting & other emergencies

- Installation: safe string voltage - until inverter & AC supply are turned on
- Maintenance: safe string voltage - automatic once inverter is turned off
- Emergency: safe string voltage - automatic after grid disconnection

SolarEdge solution overview



SolarEdge Overview



SolarEdge Products

Power Optimizers

250W-400W
Module Add-On



250W/350W
Module Embedded



Single & Three Phase Inverters

1-phase
2.2kW
3kW
3.5kW
4kW
5kW
6kW



3-phase
7kW
8kW
9kW
10kW
12.5kW



Monitoring

Monitoring
Portal



iPhone
Application



Communication Accessories

Safety &
Monitoring
Interface



GSM
modem



ZigBee
wireless
connectivity



Installer Tools

Site
Designer



Site
Mapper



Inverter
Configuration
Tool



About SolarEdge

With more than 230MW of PV systems shipped to over 30 countries worldwide, SolarEdge is the established leader in the rapidly growing field of DC power optimization. SolarEdge maintains strategic partnerships across the PV value chain, from module manufacturers to integrators, in Europe, the USA and APAC and employs over 180 people across the globe.

■ USA ■ Germany ■ Italy ■ France ■ Japan ■ China ■ Israel

www.solaredge.com

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