

SolarEdge Overview



SolarEdge provides 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 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

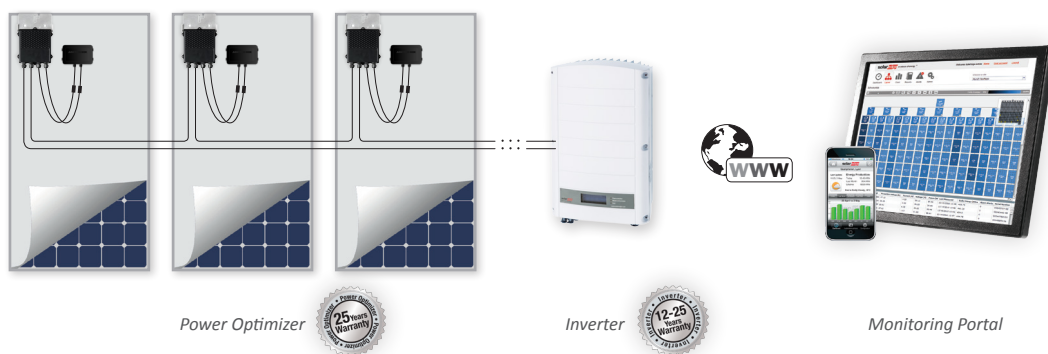
- Module-level performance data
- Presentation of complete system on virtual site map
- Automatic alerts on system issues
- Easy access via web browser from computer or smartphone

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 power optimizers can operate with any inverter.



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SolarEdge Products

	Power Optimizers	300W-500W Module Add-On  <small>* Available H1 2014</small>	600W-700W Module Add-On for Commercial Installations 	300W Module Embedded 
	Single & Three Phase Inverters	1-phase  2.2kW 3kW 3.5kW 4kW 5kW 6kW	3-phase  5kW 7kW 8kW 9kW 10kW 12.5kW 15kW 16kW 17kW	
	Commercial & Utility-Scale Inverters	Commercial  35kW 40kW 45kW 50kW <small>* Available H1 2014</small>		
	Monitoring	Monitoring Portal 	Monitoring Apps  <small>Download on the App Store</small> <small>GET IT ON Google play</small>	Safety & Monitoring Interface 
	Communication & Safety Accessories	Control & Communication Gateway 	ZigBee wireless connectivity 	Firefighter Gateway 
	Installer Tools	Site Designer 	Site Mapper 	SolarEdge key 

About SolarEdge

With more than 2,700,000 units shipped (>780MW) to over 50 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 270 people across the globe.

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

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