



SolarEdge

Line of Business

Photovoltaic (PV) Systems

Established

2006

Leading Executives

Mr. Guy Sella
CEO and Chairman
Founder

Mr. Lior Handelsman
VP Product Strategy
& Business Development
Founder

Mr. Zvi Lando
VP Global Sales

Mr. John Berdner
General Manager
for North America

SolarEdge provides the world's first end-to-end Distributed Solar Power Harvesting and PV Monitoring solutions. The system enables production of up to 25% more solar energy, for faster return on investment. Module manufacturers, integrators, installers and system owners of residential and large-scale PV sites benefit from constraint-free site design, full site space utilization, reduced installation time and maintenance cost, module-level monitoring, and complete safety and theft prevention mechanisms.



Energy Commission as the most efficient solar inverter sold in the US (up to 250kW).

- **SolarEdge Monitoring Portal:** A web-based application, available also as smart phone application, that provides module-level, string-level and system-wide performance monitoring. The system automatically alerts on underperforming modules, faults and safety events, and visually pinpoints affected modules on a site layout map for prompt and efficient troubleshooting and maintenance.



The SolarEdge system is manufactured by a world leader in Electronics Manufacturing Services, and was tested and certified to meet worldwide safety and reliability standards. The company has forged strategic alliances with leading industry players such as BP Solar, to embed the SolarEdge system into PV modules. SolarEdge systems are deployed in over 30 countries worldwide by leading PV installers and can be integrated with most PV modules. The company's headquarters is located in Israel, with additional sales and support offices in USA, Europe and Asia.

The unique SolarEdge architecture is comprised of three elements:

- **SolarEdge Power Box:** DC-DC power optimizers that perform power optimization per individual solar module while monitoring performance of each module, thus preventing energy losses due to module mismatch, shading, etc. The power boxes can be embedded into each module by module manufacturers or integrated as an add-on box by installers. The unique SafeDC™ mechanism prevents electrocution through automatic module shut-down during installation, maintenance and fire-fighting, and detects and terminates electric arcs
- **SolarEdge Inverter:** a wide range of single-phase and three-phase DC-AC string inverters, tailor made to work with power optimizers, with 98% inversion efficiency and extraordinary 12-20 year warranty. In 2010, the SolarEdge inverter was acknowledged by the California

solaredge
architects of energy™

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