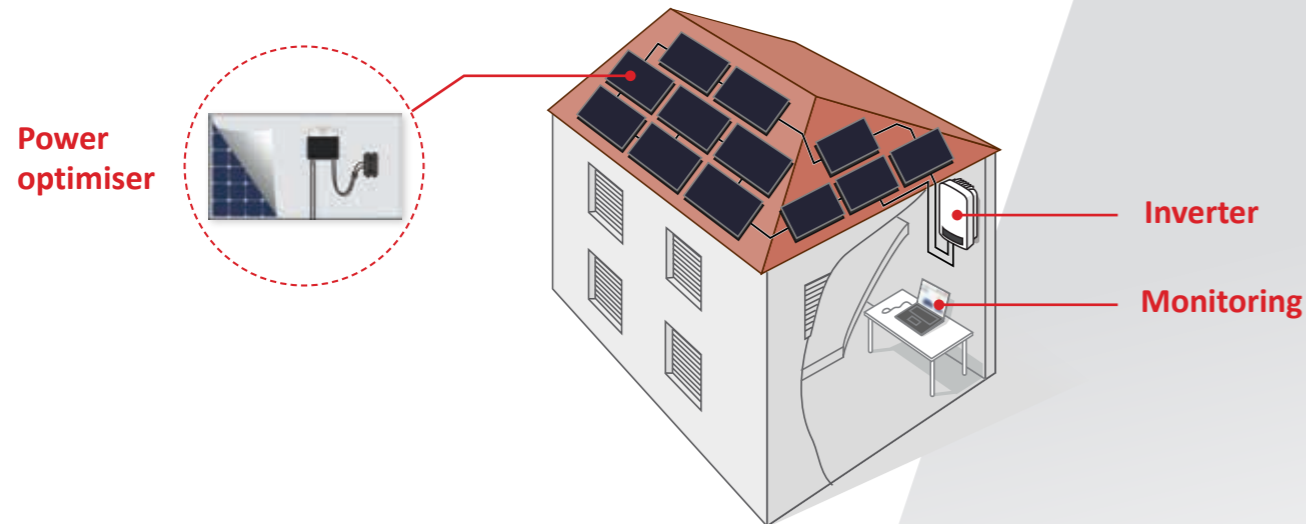


> Making PV Panels Smarter

THE SOLAREEDGE SOLUTION

As a PV inverter and power optimisation leader, SolarEdge has shipped more than 2.5 GW of its DC optimised inverter solutions to more than 91 countries. The SolarEdge solution allows module-level optimization of your PV system for better system performance and for your peace of mind.



POWER OPTIMISER

By connecting a SolarEdge power optimiser to a PV panel it becomes a smart panel. This allows:

- Harvest of up to 25% more energy from each panel
- Constant feedback on the performance of each panel
- Designed to automatically shutdown each panel for maximum safety in case of an emergency



INVERTER

A simpler and more reliable inverter:

- Responsible only for DC to AC conversion, as all other functions are handled separately for each panel by the power optimizers
- Small and aesthetic



MONITORING

By displaying real-time performance data for each module, the monitoring portal allows:

- Full visibility of your system's performance
- Automatic alerts on system issues
- Easy access from a computer, smartphone, or tablet



Making PV Panels Smarter



Connecting SolarEdge power optimisers to PV panels makes them **SMART PANELS** that produce **MORE POWER**



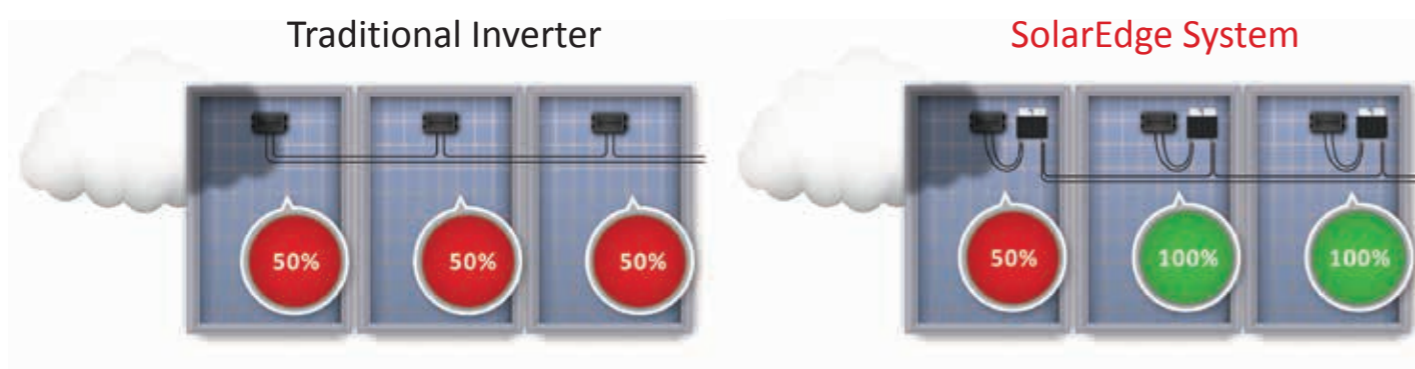
> Get More Power

MAXIMUM POWER FROM EACH PANEL

In a PV system, each panel has an individual maximum power point. Differences between panels introduce power losses. For example:



With traditional inverters, the weakest panel reduces the performance of all panels. **With SolarEdge, each panel produces the maximum energy, and power losses are eliminated.**



MORE PANELS ON YOUR ROOF; A MORE AESTHETIC ROOFTOP

Traditional Inverter



SolarEdge System



With SolarEdge

- > All roofs are possible
- > Aesthetic integration of the PV panels
- > More panels on each roof

Higher system capacity

More income

> SolarEdge For Your Peace of Mind

VIEW YOUR SYSTEM'S PERFORMANCE FROM ANYWHERE

- > **Full visibility of system performance**
- > Monitor the performance of each panel in your system to secure your long-term investment
- > Get updates anytime, anywhere using free iOS and Android applications



SUPERIOR SAFETY SOLUTION

- > PV systems are safe and pose no danger to people or property
- > However, with a traditional inverter, as long as the sun is up, PV wires are energised with high DC voltages
- > **With SolarEdge, whenever AC power is off, DC wires are designed to automatically de-energise providing automatic protection to installers, maintenance personnel, firefighters and property**



ADD STORAGE TO YOUR PV SYSTEM

- > The SolarEdge inverter can manage and monitor both PV generation and energy storage (StorEdge™)
- > The StorEdge™ solution maximises self-consumption by storing unused PV power in a battery to use when needed
- > Includes optional backup feature to automatically supply power during electrical outages
- > Compatible third-party batteries, such as Tesla's Powerwall, can be added to the existing SolarEdge system

