

Maximise Your Solar System

Enjoy more energy, improved safety and FREE panel-level monitoring by optimising your solar PV system with SolarEdge

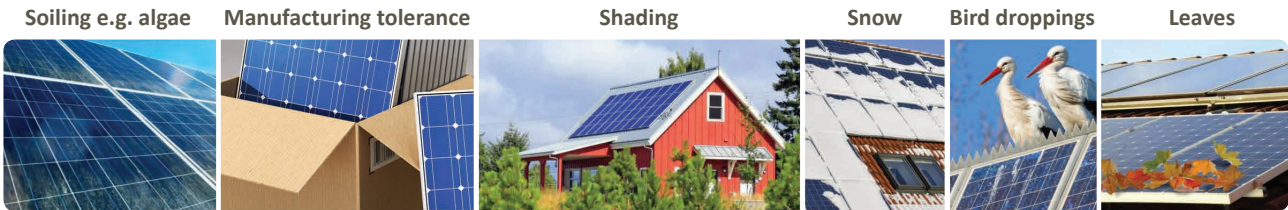


SolarEdge invented an intelligent inverter solution that revolutionised the way power is managed in solar PV systems. As a leader in residential solar energy markets, SolarEdge has shipped more than 5.9GW of its DC optimised inverter solutions to 120 countries.

> Make More Money

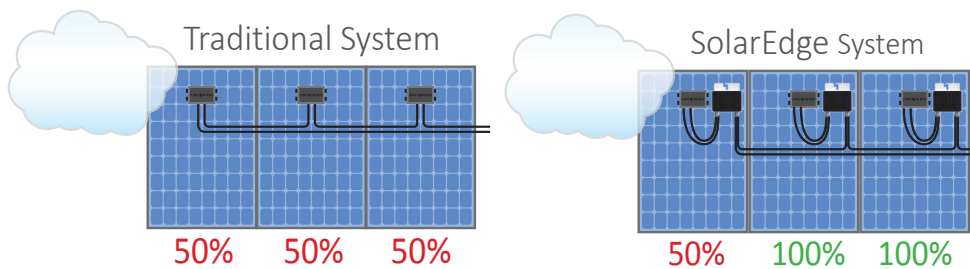
MAXIMUM POWER FROM EACH PANEL

In a solar PV system, panel performance is individual to each panel. Installing the SolarEdge optimised solution allows each panel to produce its maximum energy eliminating power losses from a selection of factors. For example:



Furthermore, as solar panels age, the differences between panel production grows and even more energy is lost.

With traditional inverters, the weakest panel reduces the performance of all panels.



With SolarEdge, each panel produces the maximum energy.

MORE SOLAR ENERGY

SolarEdge's award-winning HD-Wave inverter represents a new era in inverter technology. Achieving record 99% efficiency, your SolarEdge PV system will produce more energy, leading to quicker ROI and greater electricity savings.



CONSUMPTION MONITORING

The SolarEdge cloud-based monitoring platform allows monitoring of the house electricity consumption and self-consumption in addition to the PV production. This feature is integrated into all SolarEdge inverters and requires only a connection of a SolarEdge Modbus meter. Consumption monitoring allows you to adapt your electricity consumption to the PV production, thus increasing self-consumption and minimising electricity expenditure.



SOLAREGE
MODBUS METER

> SolarEdge For Your Peace of Mind

With a SolarEdge system, you will also enjoy full visibility into system performance, enhanced safety, and longer warranties.

PROTECT YOUR INVESTMENT

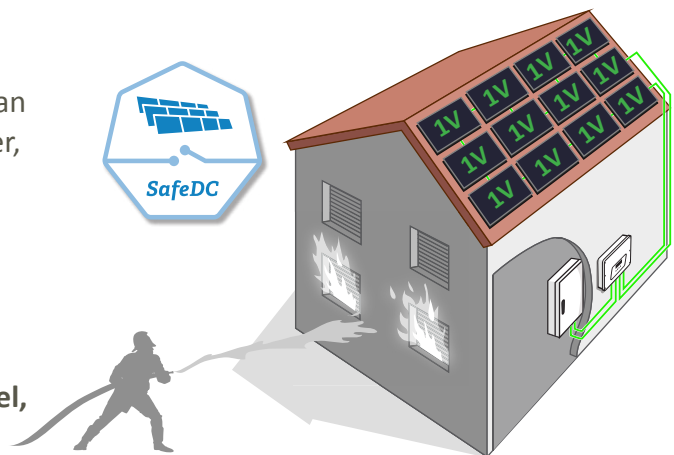
- > With a traditional string inverter system, you typically do not receive any notification if there is a problem with system production
- > SolarEdge enables you to monitor the performance of each panel in your system to secure your long-term investment
- > Get updates anytime, anywhere using free iPhone and Android applications
- > Get automatic alerts when there is a problem with system production



SUPERIOR SAFETY SOLUTION

PV systems are generally safe and do not pose an inherent danger to people or property. However, with a traditional inverter, as long as the sun is up, PV cables are energised with high DC voltages.

With SolarEdge, whenever AC power is off, DC cables are designed to de-energise providing protection to installers, maintenance personnel, firefighters and property.



SYSTEM LIFETIME WARRANTY

When you upgrade to SolarEdge, the inverter solution has longer warranties which can match the duration of your FiT scheme, so you can continue to optimise energy generation well into the future.

- > Power optimisers: 25-year warranty
- > Inverter: 12-year standard warranty, extendable to 20/25 years
- > Monitoring: free for system lifetime



INVERTER



CLOUD-BASED MONITORING PLATFORM



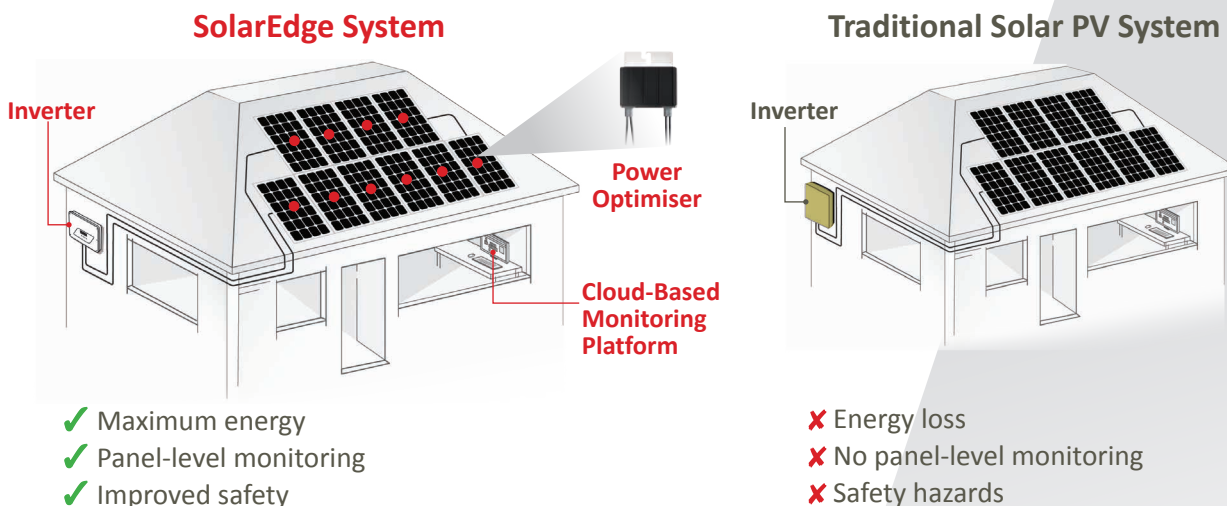
POWER OPTIMISER

> SolarEdge Benefits

THE SOLAREEDGE OPTIMISED INVERTER SOLUTION

Historically, solar PV systems were installed with traditional inverters that centrally managed panel power production. By adding power optimisers to the back of each panel and choosing the SolarEdge inverter, you will improve the performance, monitoring and safety of your solar PV system.

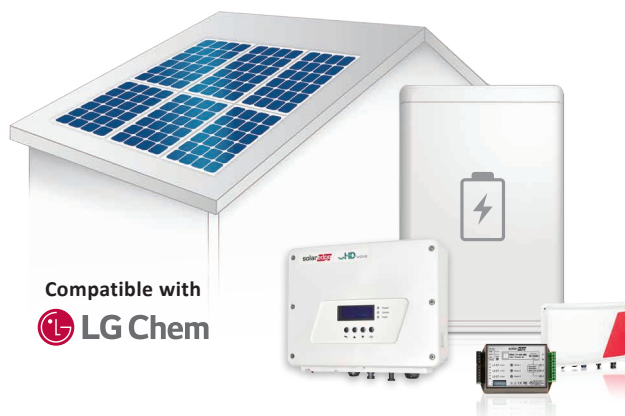
The system is also battery-ready, leaving you the option to monitor your self-consumption now and then upgrade to StorEdge™ later.



> Upgrade to StorEdge

By choosing SolarEdge, it will be StorEdge-ready. When you want to add a battery to your system, you can do it quickly, easily, and with minimal costs.

- > The SolarEdge StorEdge solution enables you to reduce your electricity bills and maximise self-consumption by storing unused PV power in a battery for later consumption
- > Use a single SolarEdge inverter to manage and monitor PV generation, consumption, and energy storage
- > Compatible high power batteries from LG Chem can be added to the existing SolarEdge system



solaredge