

# PURE ENERGY

Maximise YOUR  
Solar System

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**HIES**  
Accredited  
Member

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★★★★★

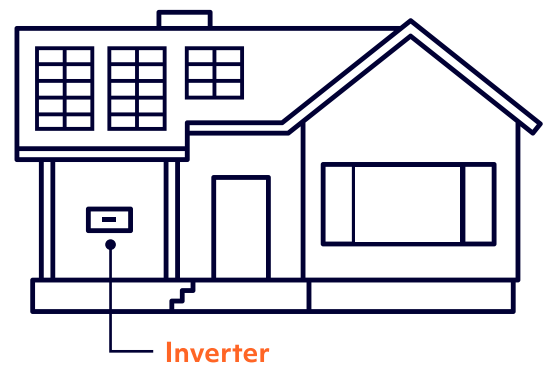
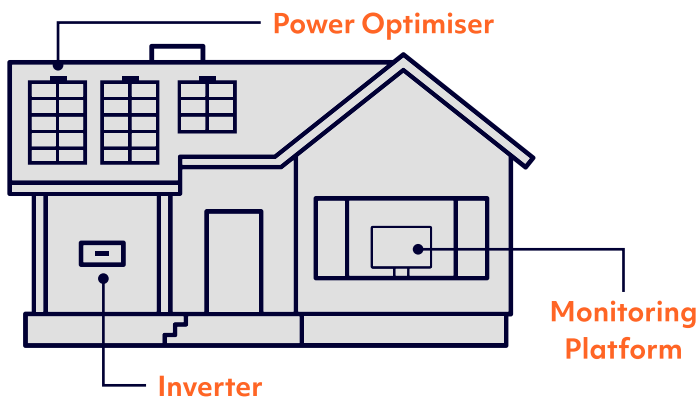
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ENERGY

# How to maximise your Solar System

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



**solar**edge

## SolarEdge System

- ✓ Maximum Energy
- ✓ Panel-level Monitoring
- ✓ Improved Safety



## Traditional Solar PV System

- ✗ Energy Loss
- ✗ No panel-level monitoring
- ✗ Safety Hazards

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 PV system. The system is also battery-ready, giving you the option to monitor your self-consumption now and then upgrade to StorEdge at a later date.

## 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 cost.

- 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.



Compatible with  **LG Chem**

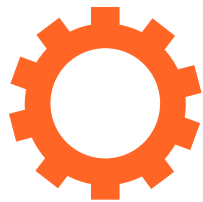
SolarEdge invented an intelligent inverter solution that revolutionised the way power is managed in Solar PV systems. As a global PV inverter and power optimisation leader, SolarEdge offers a solution that enables panel-level optimisation of your PV system for better system performance and for your peace of mind.

## Make more money

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...



**Algae**



**Manufacturing  
Tolerance**



**Snow**



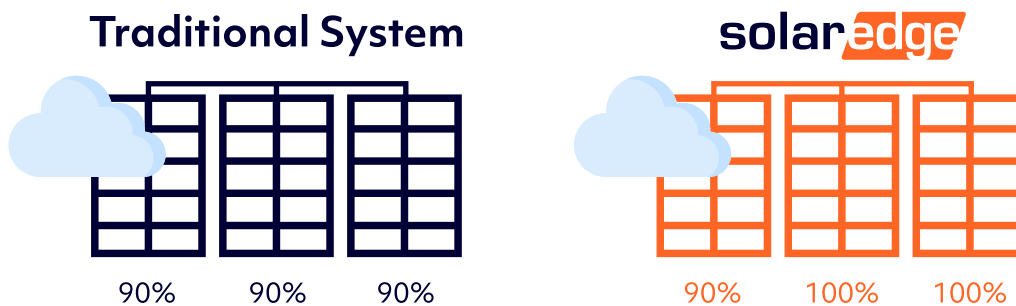
**Bird  
Droppings**



**Leaves**

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

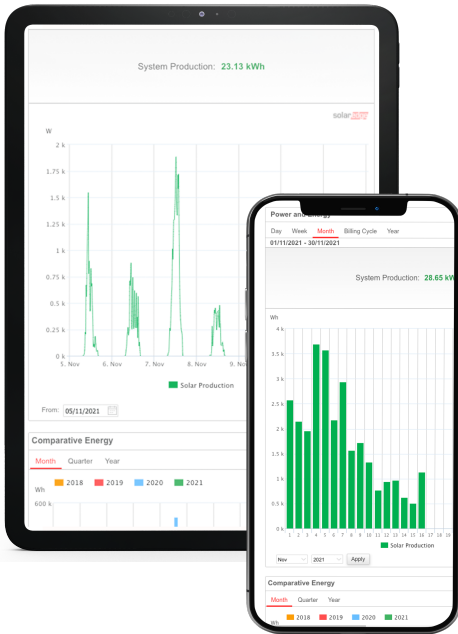
With traditional inverters, the weakest panel reduces the performance of all panels.



With SolarEdge, every panel produces the maximum amount of energy.

## More Solar Energy

Winner of the prestigious 2016 Intersolar Award and the renowned 2018 Edison Award, SolarEdge's single phase inverter with HD-Wave technology represents a new era for PV inverters. Achieving record 99% efficiency, your SolarEdge PV system will produce more energy, leading to quicker ROI and greater electricity savings.



## Consumption Monitoring

The 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 energy meter, with Modbus connection. Consumption monitoring allows you to adapt your electricity consumption to the PV production, thus increasing self-consumption and minimising electricity expenditure.

## 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 the free iOS or Android app.
- 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 the 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.

# PURE ENERGY

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