



MAXIMISE YOUR REVENUE

Enjoy more energy, enhanced functionality, improved safety, and free panel-level monitoring by upgrading your solar PV system to SolarEdge.

solaredge

Should I Upgrade My PV System?

As a PV system owner, there are several reasons why the time might be right to upgrade your existing PV system. An upgrade can resolve system issues such as under-performance or inverter failure. Today's new inverters are also much more efficient, generating more energy out of your system and more FiT revenue. Modern PV systems also offer increased safety features, providing better protection of people and property. You can also choose to upgrade your system in order to enjoy greater functionality e.g. battery storage, home energy management or monitoring of system performance.



Why Upgrade to SolarEdge?

Once you've concluded that you will benefit from a system upgrade, you must be sure that you are investing in the right system. One that provides excellent value, innovation, and peace of mind, such as SolarEdge's DC optimized inverter solution. With SolarEdge, you will enjoy more energy, enhanced safety, full visibility into system performance, and longer warranties.

Make More Money

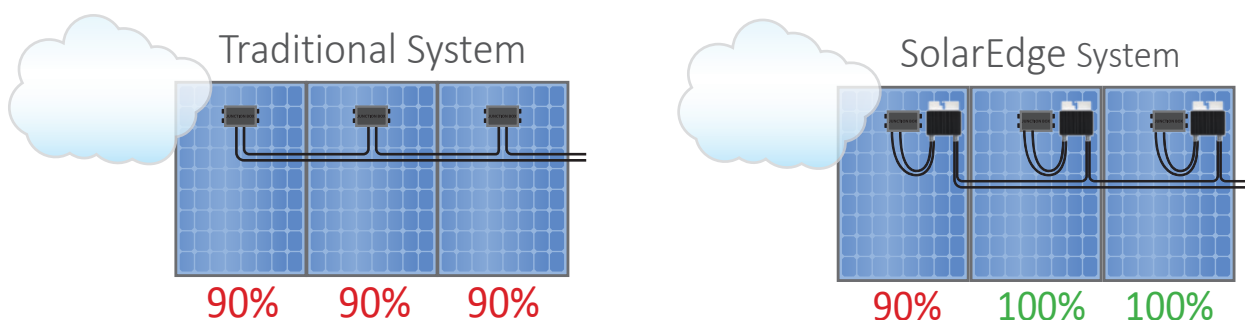
MAXIMUM POWER FROM EACH PANEL

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 to significantly increase your FiT revenue. For example:



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

With SolarEdge, each panel produces the maximum energy.



SolarEdge further increases FiT revenue by minimising energy loss due to panel aging. Panel performance degrades over 20-25 years of operation, and since each panel ages at a different rate, mismatch between panels will increase over time.

MAXIMUM POWER FROM THE INVERTER

Typical residential inverters installed a few years ago are likely operating with average efficiency between 93% and 97%. This results in significant energy production losses over the lifetime of your system.

Achieving **record 99% efficiency**, your SolarEdge HD-Wave inverter will produce more energy and increase your FiT revenues, leading to quicker ROI and greater electricity savings.



Increase Your Energy Independence

By choosing SolarEdge, your system will be ready to integrate battery storage and home energy management capabilities. These solutions are designed to increase your solar usage and lower your dependency on the electric grid. And it's all managed by just one SolarEdge inverter, the brains of the PV system.

- > The SolarEdge StorEdge™ solution stores unused PV power in a battery to be used when needed. It is compatible with high-voltage batteries such as the LG Chem RESU.  **LG Chem RESU**
- > SolarEdge's Home Energy Management products utilise your excess PV production to power typical household appliances such as the hot water boiler for hot showers for the whole family. Or use your smartphone to turn off your house lights when you are not at home.



Enjoy Peace of Mind

ENHANCED SAFETY

PV systems are safe and advancements have made them even safer. With recent news about building fires that had PV systems installed, homeowners may be interested in enhancing their PV system's safety.

With a traditional inverter, as long as the sun is up, PV cables are energised with high DC voltages. SolarEdge further improves PV safety with its SafeDC™ feature, designed to reduce your PV system's high voltage to a safe 1 volt per panel whenever AC power is shut off, protecting installers, maintenance personnel, firefighters, and your home.



Protect Your Investment

REAL-TIME MONITORING

- > SolarEdge enables you to monitor the performance of each panel and receive automatic system alerts, to secure your long-term investment.
- > Get updates anytime, anywhere using the free mobile monitoring app.



LONG-TERM WARRANTIES

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



Meet SolarEdge



SolarEdge invented an intelligent inverter solution that has changed the way power is harvested and managed in PV systems. It overcomes the shortcomings of traditional inverter systems, boosting your home's power production and maximising your electricity savings.



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11/2017/V01/ENG ROW