

Making Solar Systems Smarter

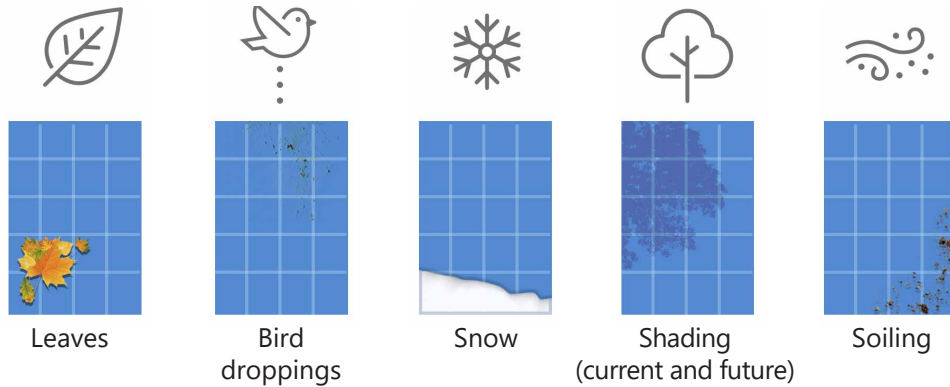


solar **edge**

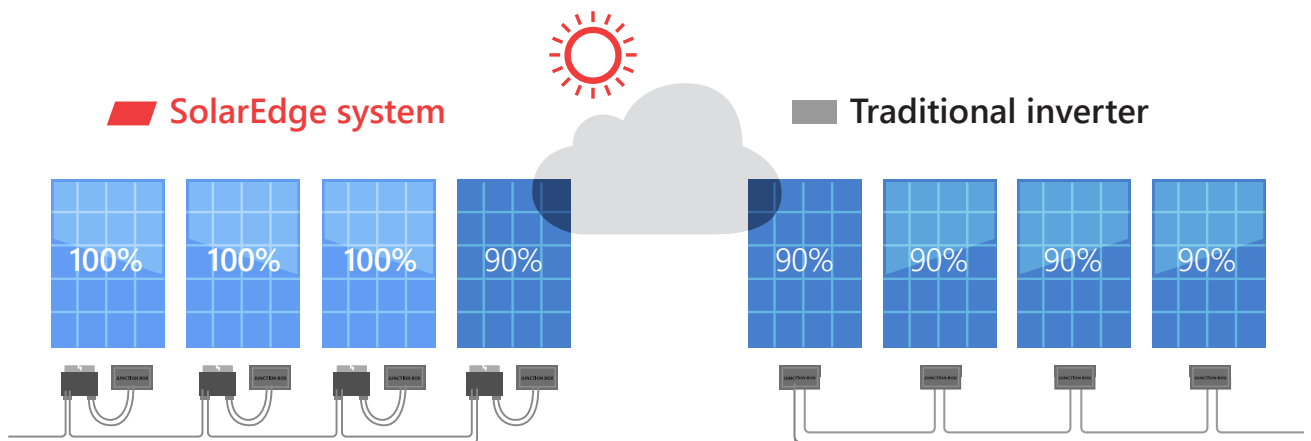
/ Get More Power

Maximum power from each panel

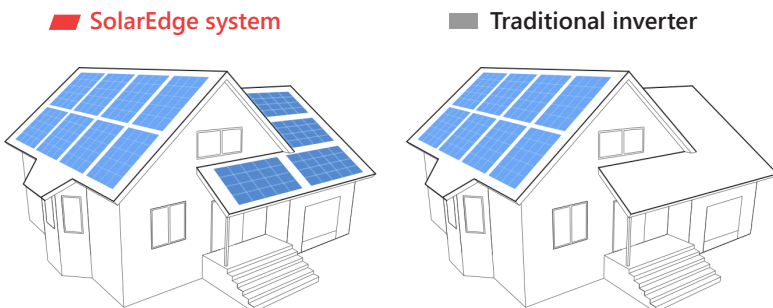
In a PV system, each panel has an individual maximum power point. Differences between panel introduce power losses. For example:



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



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 iPhone and Android applications



Exceptional safety

- // 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



Long-term warranties

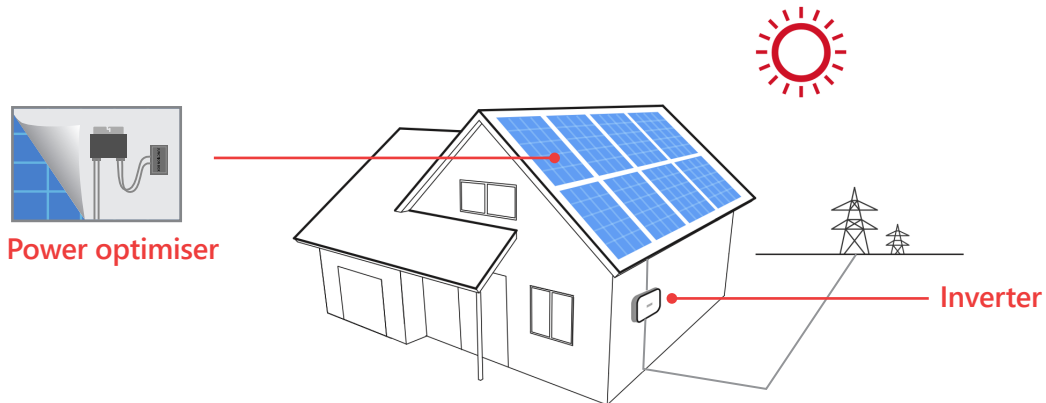
- // Power optimisers - 25-year warranty
- // Inverters - 12-year standard warranty, extendable to 20/25 years
- // Monitoring platform - free for 25 years



/ Making PV Panels Smarter

The SolarEdge solution

SolarEdge is a global leader in smart energy technology. By deploying world-class engineering capabilities and a relentless focus on innovation, we create smart energy products and solutions that power our lives and drive future progress.



Power optimiser

By connecting a power optimiser to a PV panel it becomes a smart panel, enabling:

- / Harvest of up to 25% more energy from each panel
- / Constant feedback on the performance of each panel
- / Safe DC voltage on each panel after AC shutdown, maximising safety in the event 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 optimisers
- / Extremely small, lightweight, and easy to install
- / Up to 99% weighted efficiency
- / Suitable for indoor and outdoor installations

Monitoring platform

By displaying real-time performance data for each panel, the monitoring platform enables:

- / Full visibility of your system's performance
- / Automatic alerts on system issues

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