



# Solar generator export

What is the Smart Export Guarantee?

Through the Smart Export Guarantee (SEG) So Energy can pay you for any electricity you export to the grid from your own renewable generator. You don't need to buy electricity from So Energy to benefit from SEG - anyone generating renewable energy is welcome to take up one of our plans.

What is a zero export Solar System?

In fact, "zero export" mode is expected to export some energy to the grid in some edge cases. The solar systems strives to produce as much power as possible for the site consumption, however, load change events constantly occur. The zero export-regulated system tries to match production-power and load-consumption-power at all times.

What happens if I export electricity from another SEG licensee?

You will then be responsible for seeking a new SEG tariff for your exported electricity from another SEG licensee. Any electricity exported between the point the contract from the previous SEG licensee stops and a new SEG contract is agreed with a new SEG licensee will not be the responsibility of the new SEG licensee.

Can I use excess solar mode if I have a zero export tariff?

Excess Solar mode operation is available only to homeowners with Smart Export tariffs. It will not be available for those with Zero Export tariffs.

What is the export limitation for a SolarEdge inverter?

To use export limitation, the inverter/Commercial Gateway communication board firmware (CPU) version must be 2.8xx/3.8xx or higher. If the CPU version is lower, contact SolarEdge support for an upgrade file and instructions ([support@solaredge.com](mailto:support@solaredge.com)).

Does the SolarEdge EV charging single phase inverter work in Hawaii?

When using the SolarEdge EV Charging Single Phase Inverter, the Excess Solar mode (non-scheduled, solar-only charging) functionality is subject to variations when the inverter is set to one of the Hawaii country settings. Excess Solar mode operation is available only to homeowners with Smart Export tariffs.

ZED Advance: To protect diesel generators from the surplus power of solar. Transfer Switch: To isolate diesel generator from the grid, when grid power is available. Set of Current Transformers: For Load Feedback to ...

ZED Advance controller enable solar system owners & operators to limit the amount of solar power that their systems export to the electricity grid or DG SET. There are range of inverters, ...

We allow connection of up to 14kW total panels to a 10kW single phase inverter (net export limited to 5kW)

or up to 40kW total panels to a 30kW three phase inverter. ... From 1 December 2019, the details of your solar generator need to ...

Unlike grids, you cannot add your surplus solar energy into the generator because it is not built to receive power. Back-feeding energy in a generator can not only damage the device but also pose a fire risk. For ...

The Smart Export Guarantee (SEG) is a government-backed initiative that compels energy suppliers with more than 150,000 customers to pay small-scale generators for the excess solar electricity they send to the grid.

These systems have generator controls to ensure export of electrical power to SCE's electric system is minimized. When the load changes rapidly and the generator cannot ramp down ...

The electricity is then consumed within the home, reducing your need to buy energy from a supplier. When a Solar PV system produces more energy than a home needs, the extra energy can go to your immersion heater. Solar PV is ...

E.ON Next has two SEG packages for solar exporters to choose from: Next Export and Next Export Exclusive. The former is open to all solar generators (with a system max capacity of 5MW) and the later which is only ...

