SOLAREDGE HOME PRODUCTS OVERVIEW

SOLAREDGE S-SERIES POWER OPTIMIZERS

Utilize Maximum Power Point Tracking algorithms to maximize the amount of power each module produces, regardless of the performance of other modules in the string

- Superior efficiency (99.5%)

- Mitigates all types of module mismatch loss, from manufacturing tolerance to partial shading

- SolarEdge Sense Connect: An industry-first innovation that detects abnormal PV connector behavior, preventing potential safety issues

- Module-level voltage shutdown for installer and firefighter safety

- Faster installations with simplified cable management and easy assembly using a single bolt

- Flexible system design for maximum space utilization

- Compatible with bifacial PV modules

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SolarEdge Home Hub Inverter

The all-in-one solution for storage, backup, EV charging, and smart energy devices

▌ Record-breaking 99% weighted efficiency with high DC oversizing ratio

▌ Small, lightweight, and easy to install

▌ Seamless connection with SolarEdge Home Network

▌ Modular design, future ready with optional upgrades to:

  ▌ DC-coupled storage for full or partial home backup

  ▌ Built-in consumption monitoring

▌ Multi-inverter, scalable storage solution

SolarEdge Home Battery

Highly efficient DC-coupled battery, provides an ideal storage option for housing all that excess power in both backup and on-grid applications*

- Highly efficient energy storage with up to 94.5% round trip efficiency

- Multiple batteries stacking per inverter for increased system capacity

- Easier, Flexible installation - indoor or outdoor, wall or floor mount

  - Wireless communication with the inverter using SolarEdge Home Network

  - Swift plug-and-play installation via SetApp

- More safety by design:

  - Continuous protection through measurement and monitoring of battery current and voltage levels

  - A built-in array of multi-point temperature sensors to mitigate the risk of battery overheating

  - UL9540A compatible

- Easy O&M via the SolarEdge Monitoring Platform

* Backup applications are subject to local regulations, require connection with SolarEdge Home Hub Inverter and the SolarEdge Home Backup Interface.

SolarEdge Home Backup Interface

Provides your customers with backup power* for either full or partial home loads in the event of grid interruption.

▮ Automatically provides backup power to home loads in the event of grid interruption

▮ Full flexibility in which loads to back up – the entire home or selected loads

▮ Seamless integration with the SolarEdge Home Hub Inverter to manage and monitor both PV generation and energy storage

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Thank You!

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