



# SOLAREGE HOME BATTERY 48V

Highly Efficient, DC-Optimized Battery



**Deliver backup power when and where it's needed most with our highly efficient SolarEdge Home Battery 48V.**

By storing excess solar production in a battery, homeowners can save power for nights, cloudy days, and peak demand periods. They can also enjoy backup\* power during grid failure, and potentially lower electricity bills.

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



## A Smarter Home Investment

PV modules generate DC electricity and batteries also store energy as DC electricity. AC-coupled systems, the DC energy is converted to AC and then back to DC, then back again to AC for home use. This can cause unnecessary energy losses. But with the SolarEdge DC-coupled system, there's no need for this extra conversion - making the whole process much more energy efficient while maximizing power production.

## Optimized Storage and Backup Solution

SolarEdge offers an integrated DC-coupled solution that delivers a technology breakthrough in battery backup, generating more power to store and use whether the grid is on or off, and providing longer backup time. With high overall system performance up to 94.5% round-trip efficiency and a comprehensive warranty, SolarEdge Home Battery - 48V is the smart choice for home backup. The three phase battery is designed to work with our SolarEdge Home Backup Interface, and our SolarEdge Home Hub Inverter - Three Phase for more savings, resilience, and energy independence.

### More Energy

DC-coupled with high overall system efficiency and fewer energy conversions enable your customers to generate more energy to store and use for on-grid and backup\*\* power applications

### More Safety by Design

Capabilities from modules to battery including Rapid Shutdown, SafeDC™, and a built-in array of multi-point temperature sensors to mitigate the risk of battery overheating

### One Vendor

A trusted home solar energy leader for all your PV solutions and warranties, providing easier servicing and support, as well as monitoring and control of PV and storage from a single app

### Differentiated Offering

Expand your portfolio by offering a unique, seamlessly integrated inverter-battery-backup solution



SolarEdge Home is a personal home energy ecosystem, designed to adapt to homeowners' changing energy needs, preferences, and lifestyles, day and night. This complete ecosystem combines patented SolarEdge PV technology, including Power Optimizers, the SolarEdge Home Hub and Wave Inverters and SolarEdge Home Battery, plus innovative smart energy devices all controlled from the mySolarEdge app. With SolarEdge Home, homeowners can significantly reduce their electricity bills, lead more sustainable lifestyles, and grow their system as their needs evolve.



SolarEdge

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