



SolarEdge Home Battery 48v

Highly Efficient, DC-Optimized Battery
for Three Phase Systems



**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, system owners 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, and require connection with the SolarEdge Home Hub Inverter – Three Phase and the SolarEdge Home Backup Interface.



A Smarter Home Investment

All PV modules generate DC electricity and batteries store this energy as DC electricity, as well. With AC-coupled systems, the DC energy is converted three times: from DC to AC by the inverter; from AC back to DC for storage, and then, finally, back to AC for use in the home. This can cause unnecessary energy loss. But with the SolarEdge DC-coupled system, there's no need for extra conversions – the DC electricity is converted only once for use in the home. This energy efficient process ensures that more of the energy produced is available for use.

Optimised 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 for small three phase systems. 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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