



More Energy

High system efficiency is achieved because PV power is stored directly in the battery, with no additional conversions from AC to DC. The StorEdge system maintains a higher efficiency resulting in more energy for your home.



Simple Design & Installation

A single inverter for grid-tied solar, backup power, and on-grid applications. Designed to be installed indoors or outdoors. The StorEdge inverter and auto-transformer includes all hardware required for automatic disconnection from the grid.



Full Visibility

Monitor the battery status, PV production, and self-consumption.

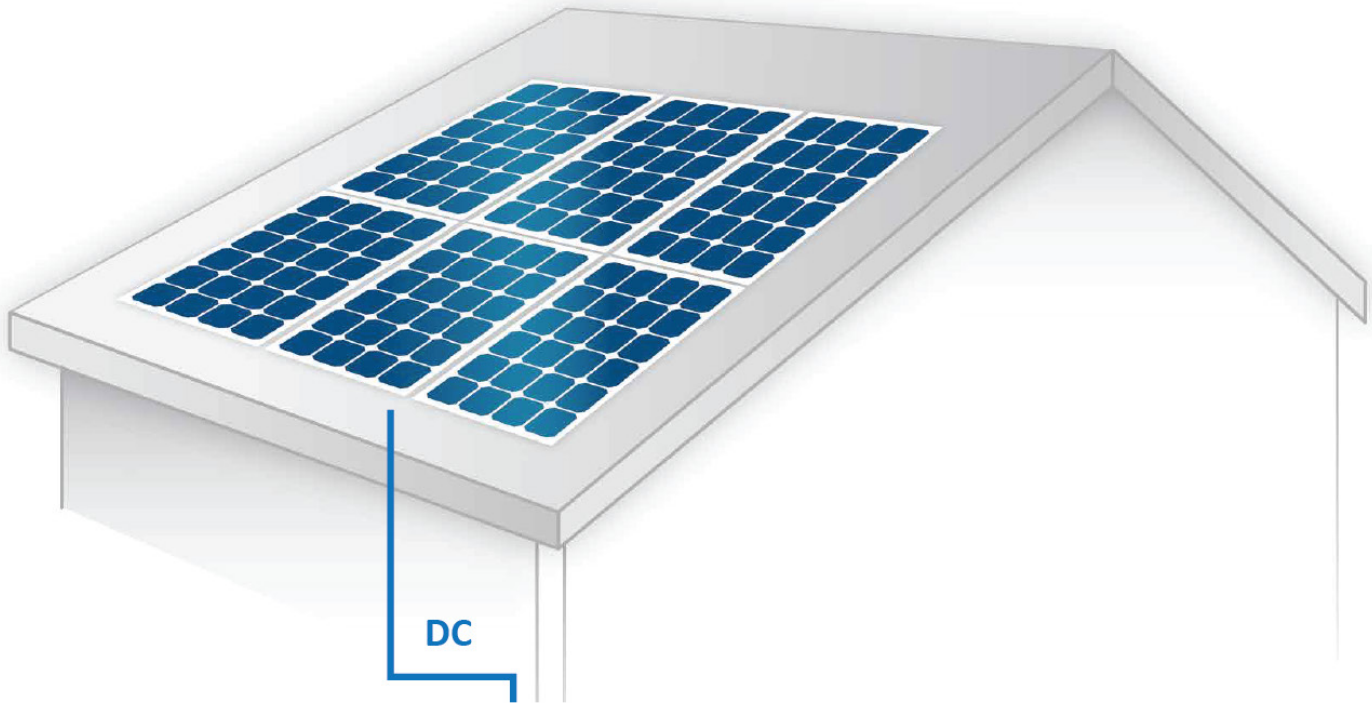


Enhanced Safety

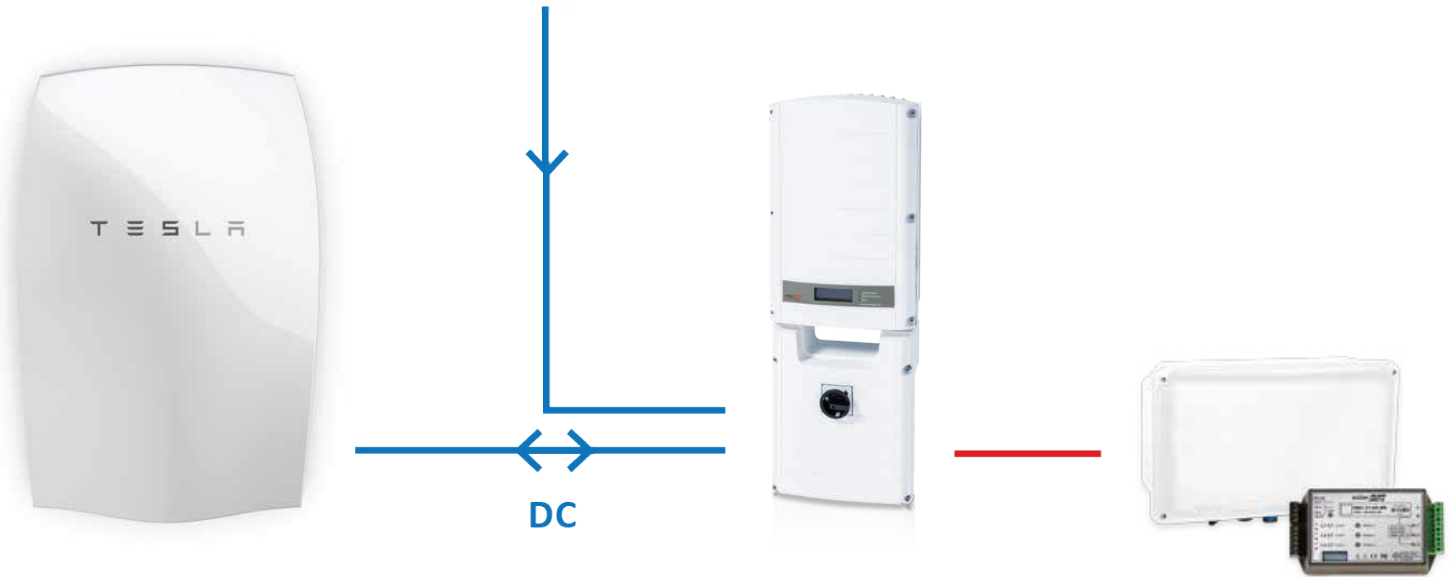
The SolarEdge inverter provides integrated Rapid Shutdown functionality and low battery current during operation.

Maximize Your Solar Investment with Backup Power and Self-Consumption.

StorEdge is SolarEdge’s all-in-one solution that uses a single on-grid DC optimized inverter to manage and monitor both solar generation and energy storage in the home. In the event of grid interruption, stored energy in the battery can be used to power pre-selected loads for your home. Used with the meter, on-grid applications such as export limitations, demand response and peak shaving, and time of use shifting can achieve reduced electric bills. The inverter manages the entire system to meet your unique needs.



The StorEdge solution is based on the SolarEdge StorEdge™ Inverter, Auto-transformer and Electricity Meter and is compatible with the Tesla home battery, the Powerwall



POWERWALL
TESLA HOME BATTERY

Tesla Powerwall Home Battery

High-efficiency home battery charges from the solar modules or the grid and seamlessly integrates with the StorEdge™ inverter and monitoring

SolarEdge StorEdge™ Inverter

As the brains of the system, the inverter manages and monitors battery and system energy, in addition to its traditional functionality: converting direct current electricity into alternating current used in your home

SolarEdge Electricity Meter (Optional)

For on-grid applications, the SolarEdge Electricity Meter measures energy consumption. Together with the inverter, it coordinates when to store or export your energy to help lower your electricity bill. The meter supports export limitation, peak shaving, and time of use shifting.

