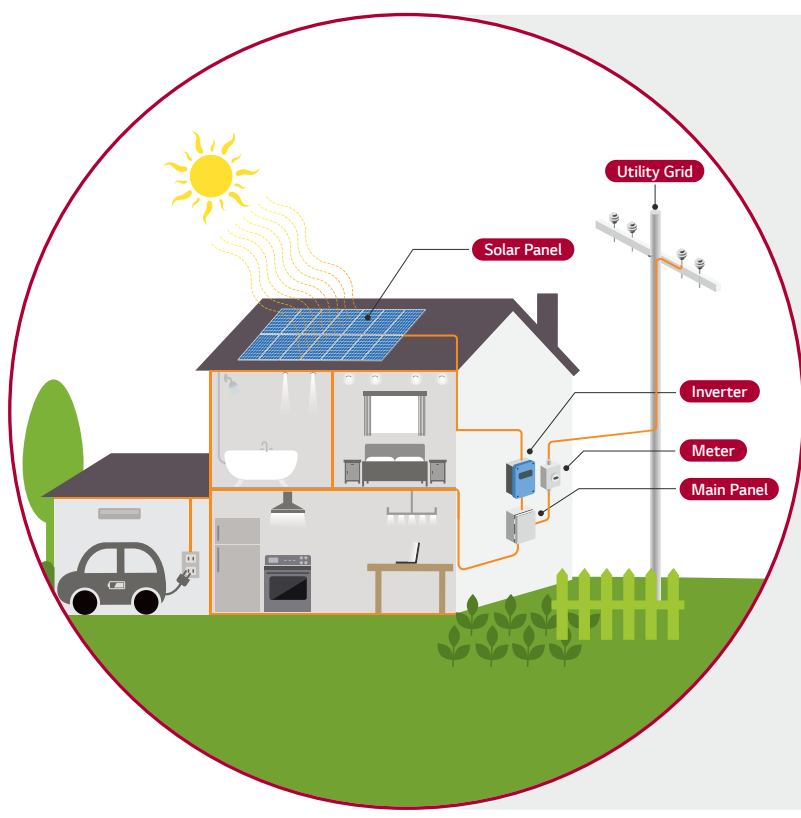


4 Things To Know About Energy Storage



1

Grid-connected solar energy systems provide energy to your home and when your system produces more electricity than you need, excess energy is sent to the grid. When it isn't producing enough electricity for your needs (such as at night or during "peak" energy usage hours), you must purchase electricity from the grid.

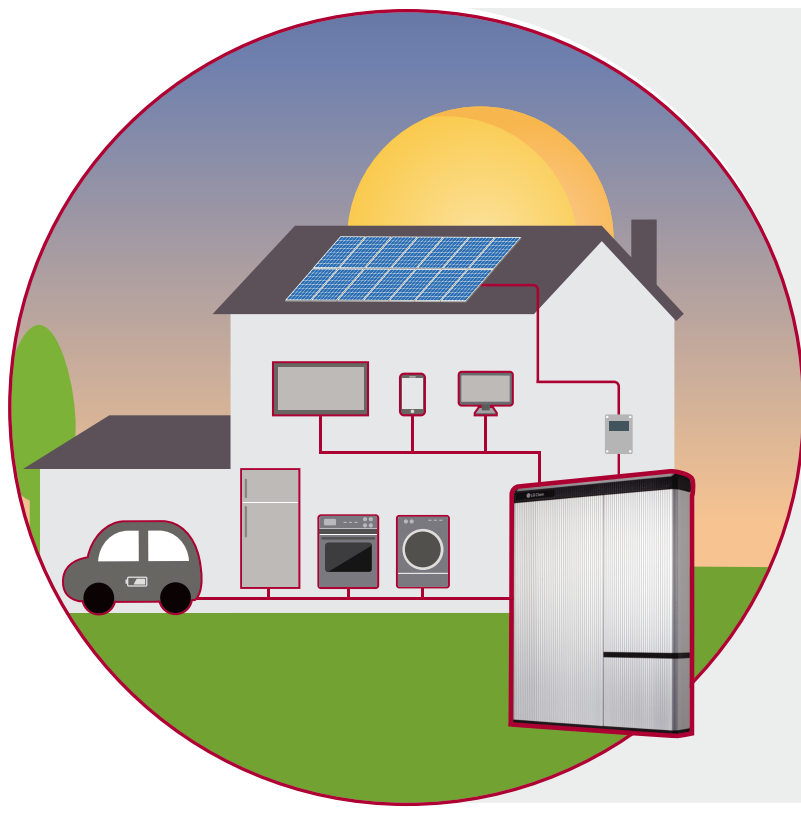
2

Unless an Energy Storage System is installed in your home, your solar modules can't supply energy during a power outage because the inverters that control the solar modules are shut down during the outage. This "shut-down" occurs because it protects utility crews that are deployed to repair the grid. Also, excess energy can't be sent to the grid during an outage.



3

Wouldn't it be great if your solar system could power your home in the early mornings, late afternoons, at night or during a power outage? It can – but to make it happen, you must install an Energy Storage System. With an Energy Storage System excess energy from your system charges a battery (or batteries). You can then use Smart Energy Management System (EMS) software to schedule the battery to discharge and supply your home with power.



4

The LGE Energy Storage System provides all the components you need in one system, including an LG Chem Lithion Ion Battery.



LGE Energy Storage System—Features At a Glance



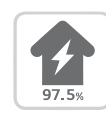
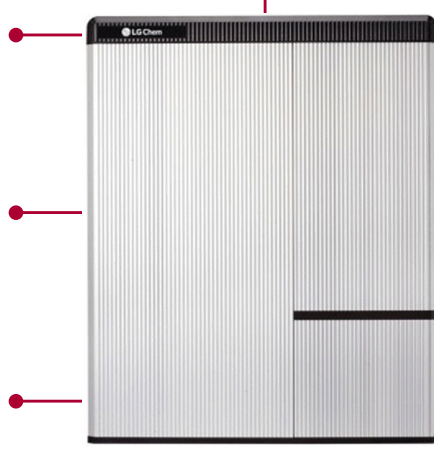
Easy Two-Person Installation
All required components included for complete install, plus painless commissioning via Auto Self-Check



Extremely Reliable Battery; Scalable System
Up to 19.6kWh for longer backup time; Compatible with LG Chem RESU 10H



One-stop Service & 10-Year Warranty
LGE Energy Storage System can be paired with LG PV modules for a single provider for all warranty issues



High-Efficiency PCS
97.5% CEC Efficiency, Multi-String options & MPPTs for multi-angled roofs



Smart Energy Management and Remote System Monitoring
Emergency Backup; 24/7 energy monitoring



Flexible Installation
DC-coupled or AC-coupled solution options to pair with a standard power grid, an existing PV system or a brand new PV system



Don't pay more for electricity during peak usage hours or sit in the dark during a grid power outage.

Ask your solar installer to add the LG Electronics Energy Storage System to your existing or new solar energy system.

