

ESS

SIMPLI PHI™ Energy Storage System



Power on your terms. On or off the grid. The SimpliPHI™ Energy Storage System (ESS) is the most advanced, safety-certified system available for homes and businesses. Innovative modular technology allows the system to independently scale power and energy storage capacity to meet the requirement of any installation — from providing primary power to an entire home or business to simply holding power for times of outage. The SimpliPHI ESS is built with a 6 kW inverter and the 4.9 kWh battery, which leverages the Lithium Ferro Phosphate (LFP) to deliver advanced-level power storage while running longer and safer. On the grid or off, SimpliPHI delivers true energy independence for those who want it, dependability for permanent peace of mind and reliable performance for real energy savings.

FEATURES



Modular for any installation

Add batteries for longer-duration storage for multiple days of outages, or manage a smaller battery bank for minimal essential load backup and Time-of-Use (TOU).



Sized for your needs

Separate components allow you to right-size a system to meet your needs, rather than being boxed into a pre-configured system.



Control wherever, whenever you need it

EnergyTrak™ Control System monitors your energy and gives you peace of mind that your system is doing its job.



Versatile installation options

IP65 rating supports all weather conditions for both indoor or outdoor installations.



Maintenance-free

No ventilation, cooling or thermal regulation required; 10-year warranty¹.



Leading safety-tested system

High performance tested with batteries carrying UL 9540 certification.



One Call Support

Vertical integration simplifies installation, compatibility and technical support.

¹See operator's manual or BRIGGSandSTRATTON.com for complete warranty details.

Is energy storage right for me?

- Do you already have existing solar without batteries?
- Are you looking to have backup power to get through an outage?
- Are you looking to maximize utility savings?
- Are you looking for a net-zero home or eliminating/minimizing utility costs?
- Are you off-grid and have no connection to the utility?

If you answered **“yes”** to any of these questions, a SimpliPHI ESS is the solution for your needs.

3 components, 1 fully integrated system.



SimpliPHI 4.9 kWh Battery

At the core of the SimpliPHI Energy Storage System is the advanced-level and scalable SimpliPHI battery, which applies lithium-ion and Lithium Ferro Phosphate (LFP) chemistry to deliver advanced-level power storage. Batteries can be paralleled to increase available power — up to 358.56 kWh.



SimpliPHI 6kW Inverter

Designed to deliver the most efficient, easy-to-use backup or primary power system available for home and business. Built smart, it's designed to pair with solar, generator or utility inputs in either AC or DC configurations — whether on the grid or off, with or without batteries.



EnergyTrak Control System

Intelligently manage, monitor and control your power and energy through a sophisticated app for smartphones and tablets. It delivers real-time status and updates, plus intuitive control over the entire SimpliPHI ESS, making it the most accessible system interface for energy storage systems.

Common Installations	
1 Inverter + 4 Batteries	Single-family-home with essential (approx. 20 kWh) power usage, interested in utility savings and/or shorter duration backup power.
1 Inverter + 6 Batteries	Larger home or small business with essential (approx. 30 kWh) power usage and want to maximize utility savings and backup power.
2 Inverters + 6 or More Batteries	A user who has numerous essential loads between 6kW and 250kW.
Larger Installations	
Multiple Inverter + Custom Battery Bank	Net Zero Homes, Off Grid: If you are looking to eliminate your utility bill and live as independently as possible, the SimpliPhi ESS allows for scaling of power and storage capacity independently. Up to 9 inverters (54 kW) and up to 350 kWh of storage.

All specifications listed are typical/nominal and subject to change without notice.

Engineered and Manufactured in California, USA. Briggs & Stratton has a policy of continuous product improvement and reserves the right to modify its specifications at any time and without prior notice. Please visit BRIGGSandSTRATTON.com for the latest information.

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