

ESS System

SIMPLI PHI[®]
Energy Storage Solutions



ENERGY STORAGE SIMPLIFIED

SimpliPHI[®] Energy Storage System

All-in-one, fully integrated system.

Power on your terms. On or off the grid. The SimpliPHI Energy Storage System (ESS) provides a compact, easy-to-install and use energy solution for homes and businesses. Its innovative modular design allows the system to independently scale power and energy storage capacity to meet the requirements of any installation. The SimpliPHI ESS includes choice of a SimpliPHI[®] 6kW Hybrid Inverter or Solar-Ark[®] Inverter, SimpliPHI[®] 6.6 Battery and our easy-to-use EnergyTrak[™] Control System. On the grid or off, Briggs & Stratton delivers true energy independence.

Versatile applications, including backup power, time-of-use utility savings, solar+storage or off-grid power.

Why SimpliPHI?

- › Turnkey, all-in-one energy storage system
- › Stackable, wire-free batteries
- › Scalable from 6.65 - 119.7 kWh¹
- › Compatible with Sol-Ark inverters
- › Grid-tied or off-grid systems
- › Easy installation
- › Robust cybersecurity and data privacy
- › Pairs with utility, solar and generators



Learn More


BRIGGS & STRATTON
ENERGY SOLUTIONS

SIMPLIPIHI[®]

Energy Storage Solutions



RapidStak™ Connectors

Power and communications come together in one connection. Simply stack batteries together for easy, fast, fool-proof installations.



Versatile Installation Options

IP65 outdoor rating supports all weather conditions for both indoor and outdoor installations. Batteries can be ground or wall mounted.



Warranty Coverage

10-year limited warranty on SimpliPHI battery & inverter.²



Expanded Temperature Range

Expanded temperature range allows for a operating/discharging rate from -20 °C - 55 °C and full charging rate from -10 °C - 50 °C.³



Leading Safety-tested System

High-performance tested with batteries carrying successful UL 9540A fire safety testing and certification to UL 9540 Edition 3.



Control Wherever, Whenever You Need it

The EnergyTrak app monitors your energy and gives you peace of mind that your system is doing its job.

Fully Integrated System



SimpliPHI 6.6 Battery

At the core is the advanced and scalable SimpliPHI 6.65 kWh battery. Stack up to 3 batteries in a stack for 19.95 kWh of energy. Scale up to 6 stacks (18 batteries) for up to 119.7 kWh of energy.



Choice of Inverters

Closed-loop communications with SimpliPHI and Sol-Ark inverters. Pairs with other lithium-supporting inverters (non-comms). Pair with solar, generator or utility inputs in either AC or DC configurations.



EnergyTrak Control System

App-based monitoring and control over the entire ESS. Cybersecurity is an integral and ongoing design element, safeguarding the ESS and user privacy against cyber threats. Use data remains confidential and is securely stored in the USA.



Sized for Your Needs

Scalable design allows you to right-size a system to meet your needs, from a compact one battery 6.65 kWh system to a 19.95 kWh stack of 3. Combine up to 6 stacks for 119.7 kWh of energy.

Common Installations	Capacity
1 Inverter + 1 Battery	6.65 kWh storage capacity and 10.81 hours @ 50% backup load*
1 Inverter + 2 Batteries	13.3 kWh storage capacity and 21.62 hours @ 50% backup load*
1 Inverter + 3 Batteries	19.95 kWh storage capacity and 32.44 hours @ 50% backup load*
Larger Installations	
Multiple Inverter + Custom Battery Bank	Up to 5 inverters (30 kW) and up to 119.7 kWh of storage

* 50% of backup loads where the average continuous load is 1.23 kW

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

Sol-Ark[®] is a registered trademark of Sol-Ark LLC.

¹ Total energy measured at .75C discharge rate at 100% DoD.

² See operator's manual or energy.briggsandstratton.com for complete warranty details.

³ Based on use and temperature.

⁴ Designed and engineered 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 energy.briggsandstratton.com for the latest information.

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