

KEEP POWERING FORWARD >>>

BACKUP POWER SIMPLIFIED



Battery Backup System Packages

Versatile, scalable
backup power.

SIMPLI^{PHI}
Energy Storage Solutions


BRIGGS & STRATTON
ENERGY SOLUTIONS

SIMPLI PHI[®]

Energy Storage Solutions

Reliable, versatile, easy-to-install

backup power for your home.

The future of backup power is here. Imagine the peace-of-mind you will feel when storms roll into your neighborhood and you don't need to worry about food spoiling in the fridge, the cost of frozen pipes, your sump pump not operating or your own personal well-being.

Tailored to your household and monitored from the palm of your hand, a Briggs & Stratton[®] Battery Backup System provides a smart backup power alternative to a generator.



Become energy independent.

Make worries about power outages a thing of the past with a Briggs & Stratton Battery Backup System.

Aging infrastructure, equipment failures, natural disasters and increased demand have taken their toll on the U.S. power grid which supplies electricity to your home. These disruptions can leave you and your family vulnerable to blackouts and outages.

You can choose the essentials you want to power during an outage, from lights, Internet and your refrigerator to heating and cooling your home.

Whether you live in the path of frequent hurricanes or in an area that experiences frequent intermittent power outages, you can take steps to protect your home and family. Installing a reliable backup power system will provide you with ultimate peace-of-mind and enhance your quality of life.

It's time for a backup plan.

WHY LFP BATTERIES?

Briggs & Stratton home batteries utilize lithium ferro phosphate (LFP) chemistry that is non-toxic and less prone to thermal runaway events. In fact, the U.S. military has trusted Simpli PHI LFP batteries for decades in the most extreme environments.

Battery Controller

Battery

Ground or Wall Base

Inverter

Solis[®] Monitor Center

EnergyTrak[™] Gateway (optional)

What is a Battery Backup System?

How does it compare to a traditional home standby generator?

A Battery Backup System is essentially a bank of high-capacity batteries that are pre-installed and connected to your home's electrical panel. The system also includes an inverter that monitors the utility power and instantaneously switches to battery power during an outage. The switchover happens so fast you may not even notice. Batteries will recharge once utility power is restored, but can also be recharged by solar power or a generator. A Battery Backup System is an ideal backup power solution when a home standby generator is not feasible or desired. And there are many advantages to using batteries for backup power.

Benefits of battery backup power

- ✓ **INSTANT POWER**
- ✓ **FAST & EASY TO INSTALL**
- ✓ **INSTALL INDOORS OR OUT**
- ✓ **GROUND OR WALL MOUNT**
- ✓ **ZERO EXHAUST / EMISSIONS DURING USE**
- ✓ **COMPACT & VERSATILE**
- ✓ **QUIET**
- ✓ **EXPANDABLE**
- ✓ **NO FUEL COSTS**

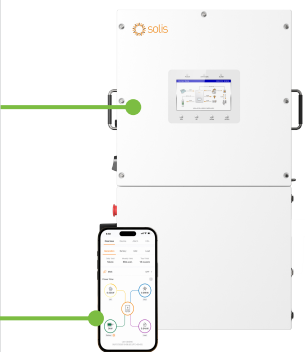
Other uses for battery systems

- ✓ **TIME OF USE**
Lower utility bills by using battery energy during high rate times
- ✓ **DEMAND RESPONSE**
Utility incentive programs for using your stored energy
- ✓ **NET METERING**
Credit for excess energy
- ✓ **GO OFF GRID**
Pair with solar and a generator for power and disconnect from the electrical grid
- ✓ **SOLAR + STORAGE**
Store excess solar energy for nighttime use



SimpliPHI 6.6 Battery

At the core of this system is the battery. Briggs & Stratton's SimpliPHI 6.6 Battery is designed to provide silent, reliable power when you need it. Batteries can be installed indoors or out - on a wall or on the ground. In fact, you have many options on where to install your system, even if you don't have a yard or live in a house. Systems can be installed if you have a patio, balcony, basement, garage or even a utility closet.



Solis® Inverters

The inverter plays an essential role, and includes an integrated automatic transfer switch (ATS) that monitors utility power and instantaneously switches to battery power when an outage is detected. The inverter switches back to utility power when grid power resumes. The battery will recharge from the utility power once available. The kilowatt (kW) capacity of the inverter determines how much power can be drawn at one time. If you want to power everything in your home, you'll need an inverter with higher capacity. If you just want to provide backup power to some essentials in your home, a smaller inverter will work.



EnergyTrak™ Gateway

Briggs & Stratton's EnergyTrak optional gateway monitors the health of your battery and allows for over-the-air (OTA) updates via the Internet so you always have the latest features and upgrades to your battery system. The app delivers detailed, real-time information about battery performance, including remaining battery life/discharge time and fault or warning events.



Why Briggs & Stratton?

We provide reliable technology you can depend on.

As a pioneer in LFP battery chemistry, we have more experience than other home battery providers. Our batteries are designed to be reliable, durable and long-lasting. We take great pride in all our products being designed for easy installation and backed by robust warranties.²



We're Here For You

With decades of battery experience and over a century of power expertise, we have your back.



Superior Battery Life

Take advantage of industry-leading battery life for years to come. We guarantee over 60% capacity after 15 years.¹



US Support

Enjoy direct access to our U.S.-based Briggs & Stratton energy experts whenever you need them.



Proven Reliability and Durability

Field proven in military and other rugged off-grid applications.

With 115+ years of experience providing power solutions, Briggs & Stratton is a brand homeowners trust. Our products are designed and engineered in the USA, and our customers can rely on us for exceptional performance and durability.

Our commitment to delivering powerful and reliable energy storage solutions ensures that you have the peace-of-mind you deserve when it comes to safeguarding your home's power supply. Say hello to a new era of energy storage and **keep powering forward**.™



**Reliable Power,
Anytime, Anywhere.**

Versatile. Scalable. Simplified.



RapidStak™ Connectors

Power and communications come together in one connection. Batteries stack like building blocks without wires - for a compact, sleek look.



Versatile Installation Options

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



Designed & Tested For Unparalleled Safety

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



Expanded Temperature Range

Designed for operation in regions with extreme hot and cold temperatures.



Control Wherever, Whenever You Need it

The Solis mobile app provides system level monitoring and control in the palm of your hand.



Warranty Coverage

15-year limited warranty on SimpliPHI 6.6 batteries.²



9.6K



12K



16K

Choice of Inverters

The Briggs & Stratton® SimpliPHI® 6.6 Battery is designed with closed-loop communications with Solis® inverters. Batteries can be used with other lithium-supporting inverters (non-comms). Pair with solar, generator or utility inputs in either AC or DC configurations.

Choose your Battery Backup System.

We've taken the guesswork out of building your system.

Choose your system based on how much of your home you want to back up.
Add batteries for additional hours of power.

20M
HOUSEHOLDS

Over 20,000,000 U.S. households
experienced power outages in 2023*

**poweroutage.us*

ESSENTIAL POWER PACKAGE

Power for essential 120V loads like power outlets, lights, fans, Internet, phone chargers, TVs and refrigerators.



MANAGED POWER PACKAGE

Add power for select 240V equipment and appliances.



WHOLE HOME PACKAGE

Power your whole home during an outage.



Save with Incentives & Programs!

State, federal and utility programs and incentives make battery backup systems more affordable.

Scan the QR code to talk to an energy expert to learn more.



POWER YOUR ESSENTIALS

Affordable, compact backup power.

10.8 hours of essential power.

Recommended Starting Package

- + Solis® 9.6K Inverter
- + 1 or more SimpliPHI 6.6 Batteries
- + Solis® Mobile App
- + EnergyTrak Gateway (optional)

Backup time calculation is approximate, and assumes 50% of backup loads where the average continuous load is 1.23kW

Want More Backup Time?

- + Add **10.8 hours** of essential power capacity per battery
- + Up to **180 hours** of backup power @ **50% usage** (18 battery max)

CHOOSE WHAT TO POWER

Easy to install, with 200A pass-through. Connect to your current electrical panel.

14.5 hours of power for additional appliances of your choice.

Recommended Starting Package

- + Solis® 12K Inverter
- + 2 or more SimpliPHI 6.6 Batteries
- + Solis® Mobile App
- + EnergyTrak Gateway (optional)

Backup time calculation is approximate, and assumes 75% of backup loads where the average continuous load is 1.23kW

Want More Backup Time?

- + Add **7.2 hours** of managed loads power capacity per battery
- + Up to **126 hours** of backup power @ **75% usage** (18 battery max)

POWER EVERYTHING

Easy to install, with 200A pass-through. Connect to your current electrical panel.

16.4 hours of power for everything.

Recommended Starting Package

- + Solis® 16K Inverter
- + 3 or more SimpliPHI 6.6 Batteries
- + Solis® Mobile App
- + EnergyTrak Gateway (optional)

Backup time calculation is approximate, and assumes 100% of backup loads where the average continuous load is 1.23kW

Want More Backup Time?

- + Add **5.4 hours** of whole home power capacity per battery
- + Up to **90 hours** of backup power @ **100% usage** (18 battery max)

WHY BATTERY BACKUP?

- + You experience frequent outages measured in hours instead of days.
- + You live in a high-rise, condo or townhome and cannot install a generator.
- + You are looking for a sustainable backup power solution with zero emissions.
- + You have a local noise ordinance that prohibits using a generator.
- + You have a small yard or tight lot lines.
- + You don't have access to natural gas and prefer not to install a liquid propane tank.
- + Your homeowner's association (HOA) prohibits a home standby generator.
- + You prefer to install your backup equipment indoors.
- + You are considering adding solar panels in the future.
- + You are looking for a cost-effective, expandable backup power solution.
- + You want instantaneous power transfer.

INSTALLATION OPTIONS¹

- + Indoors or Outdoors
- + Wall or Ground/Floor
- + Garage
- + Patio
- + Balcony
- + Basement
- + Utility Closet



It's as simple as 1-2-3.

Visit energy.briggsandstratton.com/battery-backup-packages

- 1** Define your energy needs.
- 2** Pick your package.
- 3** Enjoy reliable energy backup power.



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

Solis® is a registered trademark of Ginlong Technologies.

¹ Based on use and operating temperatures.

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

³ Installation locations may be limited by local codes and permitting authorities.

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.



BRIGGS & STRATTON
POST OFFICE BOX 702
MILWAUKEE, WI 53201 USA