

**MOBILE
BATTERY
POWER**



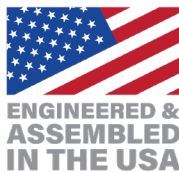
BRIGGS&STRATTON
ENERGY SOLUTIONS



MILITARY-GRADE BATTERY STORAGE SOLUTIONS

Rugged, Battle-Tested Batteries for Extreme Environments

For nearly 15 years, PHI™ and AmpliPHI™ batteries have been deployed and proven in some of the most extreme applications around the world. From mobile power trailers to remote desert military bases, government, military and humanitarian organizations rely on Briggs & Stratton batteries to provide essential power to mission-critical operations. As one of the first manufacturers of lithium ferro phosphate (LFP) batteries, we are one of a few companies whose experience matches their 10- and 15-year warranties.



Our American-engineered systems are held to industry-leading testing standards to deliver unmatched expertise and peace of mind.



Learn More

Designed, engineered and assembled in U.S.A. by a trusted American company, Briggs & Stratton's U.S.-based support teams are only a phone call away. With over 115 years of power experience, we have the expertise to customize a solution to meet your unique needs.

Contact the Briggs & Stratton Commercial Sales Team for more information commercial-sales@basco.com.

Features & Benefits



- ✓ **Compact, efficient form factor & modular design fits into tight spaces as well as retrofit applications**
- ✓ **Non-toxic, stable lithium ferro phosphate (LFP) chemistry**
- ✓ **Engineered & Assembled in the US**
- ✓ **Closed-loop communications for detailed remote battery monitoring of AmpliPHI batteries**
- ✓ **Custom Labeling Available**

Military-Proven Features

- ✓ **Battle-tested US-Steel compliant battery case**
- ✓ **Deployed in forward operating bases (FOBs)**
- ✓ **Active Marine, Army, & Navy deployments**
- ✓ **FAA special clearance for remote drops by the Military**
- ✓ **Tested at Aberdeen Proving Grounds**
- ✓ **0% failure rate on the battleground⁴**

Expertise and Quality You Can Trust.

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 the most powerful and reliable energy storage solutions in the industry 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™**

Energy Applications in the Field



Our collaboration with the military is creating awareness and more accessibility to battery storage. Read below and visit energy.briggsandstratton.com to learn how our PHI & AmpliPHI batteries are supporting US Military efforts.



Trailer-Mounted Power Systems for Combat Operations

The U.S. military is addressing costly and dangerous fuel supply challenges in remote conflict zones. In 2010, the Defense Logistics Agency was transporting 40 million gallons of fuel monthly to Afghanistan, resulting in significant casualties. To reduce diesel reliance, the military is utilizing SimpliPhi-powered solar+storage kits and the ZeroBase T-Series mobile microgrid, which can be quickly deployed and provides essential power for operations. This system ensures reliable energy at combat outposts, even in harsh environments.



Bringing Energy to the Tactical Edge in Ghazni Province, Afghanistan

The U.S. Army's "Energy to the Tactical Edge" initiative aims to reduce reliance on fuel resupply by replacing diesel generators with portable solar+storage kits. The program addresses the high costs of fuel and the dangers of fuel convoys, which resulted in significant casualties in Afghanistan. The Army Rapid Equipping Force partnered with ZeroBase to deploy solar kits equipped with PHI batteries to provide stealthy, reliable power for various military needs, reducing fuel consumption and the necessity for hazardous fuel convoy operations.



Energy Independence in Extreme Environments

Our battery storage technology provides efficient and safe energy storage from renewable and hybrid power systems, ensuring energy independence for the Marine Corps and U.S. Army in harsh environments. Featuring a proprietary Battery Management System (BMS) and safe lithium-ferrous phosphate (LFP) batteries, it achieves 98% efficiency without heat buildup or thermal runaway risks. With over 5,000 cycles, PHI batteries outlast and outperform lead-acid batteries, making them ideal for extreme conditions.

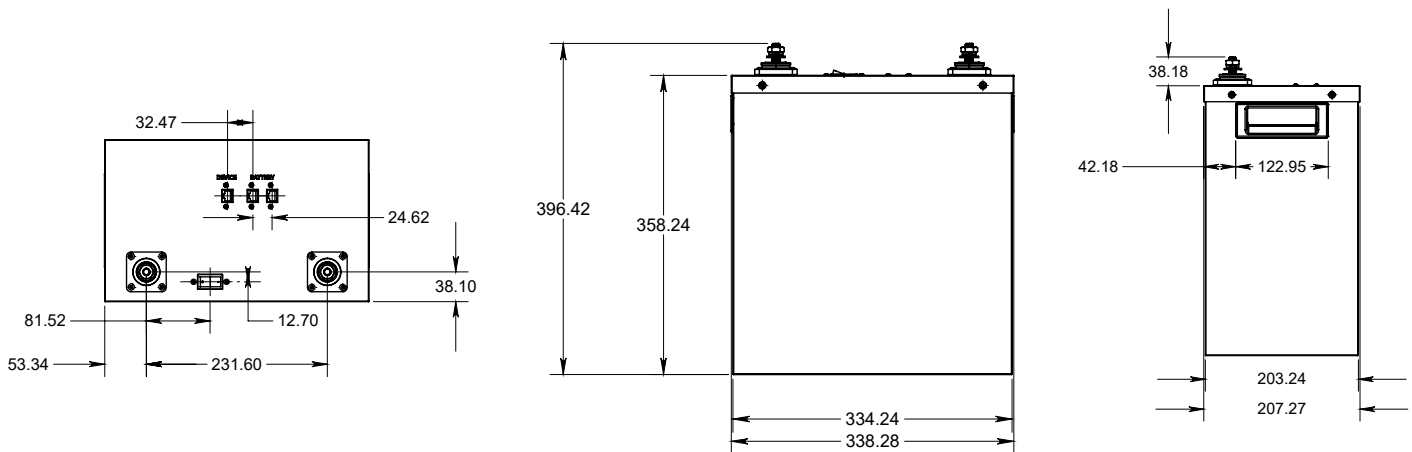
Scan the QR code or visit energy.briggsandstratton.com to read more about our energy presence in the US Military.



Product Specifications



Specifications			
Model Number	PHI-3.8-24-M	PHI-3.8-48-M	AmpliPHI-3.8-48
Amp-Hours	151 Ah	75 Ah	
Certifications	UN 3480, Lithium ion batteries, 9, II UL, CE, UN/DOT and RoHS compliant components - UL 1973, UL 1642, Certified to UL 9540, UL 9540A Fire Safety Tested		
DC Voltage Range²	24 VDC to 28 VDC	48 VDC to 56 VDC	
Charging Temperature²	32° to 120°F (0° to 49°C)		
Operating Temperature²	-4° to 140° F (-20° to 60° C)		
Storage Temperature	6 months: 14° to 77° F (-10° to 25° C) 3 months: -4° to 113° F (-20° to 45° C)		
Warranty	15 Years ³		
Weight	86 lbs. (39.0 kg)		
Dimensions (W x H x D)	13.5 x 14 x 8 in. (15.5" H w/terminals) / 0.88 ft ³ (34.3 x 35.6 x 20.3 cm / 0.025 m ³)		



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

¹ Of U.S. and global components

² Maximum operating ranges. Refer to Installation Manual for recommended conditions.

³ See operator's manual or energy.briggsandstratton.com for complete warranty details.

⁴ No warranty claims on existing applications in the field.

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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