

SIMPLIPHI YOUR POWER WITH THE PHI 2.4™ HIGH OUTPUT BATTERY



The PHI 2.4™ kWh 250 Amp deep-cycle Lithium Ferro Phosphate (LFP) battery is optimized with proprietary cell architecture, power electronics, BMS and assembly methods. It is modular, light-weight and scalable for installations that range from kWh to MWh. Provides power security and seamless integration of renewable and traditional sources of energy in conjunction with or independent of the grid: net zero, peak shaving, emergency back-up, portable and mobile.

- 24V LFP battery with proprietary architecture and Battery Management System (BMS)—does not require ventilation, cooling or thermal regulation
- Compatible with all industry standard inverter/charge controllers
- Drop in replacement for lead acid
- LFP is the safest, most environmentally benign Lithium Ion chemistry available—no cobalt, risk of thermal runaway or fire
- No AC or toxic liquid cooling—negligible parasitic drain —long cycle life
- Non-toxic and non-hazardous recyclable materials

PHI 2.4™	24V
DC Voltages - Nominal	25.6 V
Amp Hours	96 Ah
Rated kWh Capacity @ C/2	2.4 kWh
Max Peak Current	250 Amps / 5 Minutes
Max Current	230 Amps / 15 Minutes
Continuous Current	200 Amps
Max Charge Current	80 Amps
DC Voltage Range ¹	20 to 28.8
Depth of Discharge ¹	up to 100%
Operating Efficiency	98%
Operating Temp ¹	-4° to 140°F (-20° to 60°C)
Charge Temp ¹	32° to 120°F (0° to 49°C)
Self-Discharge Rate	<1% loss per month
Cycle Life	5,000+ (@ 80% DoD)
Memory Effect	None
Warranty Period	5 Years
Dimensions	11.25 x 11 x 9.5 inches / 0.68 cu ft (28.57 x 27.94 x 24.13 cm / 0.019 m3)
Weight	57.5 lbs (26.1 kg)



- 1. Max operating conditions. Refer to warranty for recommended conditions.
- All specifications listed are typical/nominal and subject to change without notice.
- UN 3480, Lithium ion batteries, 9, II
- UL, CE, UN/DOT and RoHS compliant components
- Designed and built in California, USA