

SIMPLIPHI YOUR POWER WITH THE PHI 1.3™ BATTERY



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POWER
Power. On Your Terms.™

The PHI 1.3™ kWh 60 Amp deep-cycle Lithium Ferro Phosphate (LFP) battery is optimized with proprietary cell architecture, power electronics, BMS and assembly methods. It is modular, lightweight and scalable. 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.

- 12V and 24V LFP storage modules with proprietary architecture and Battery Management System (BMS)—do 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 1.3™	12V	24V
DC Voltages - Nominal	12.8V	25.6V
Amp Hours	105 Ah	52 Ah
Rated kWh Capacity @ C/2	1.3 kWh	
Max Discharge Current	60 Amps (10 mins)	
Max Contin. Disch. Current	40 Amps	26 Amps
Max Contin. Charge Current	40 Amps	26 Amps
DC Voltage Range ¹	10 to 14.4	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	10,000+ (@80% DOD)	
Memory Effect	None	
Dimensions	11.25 x 9.25 x 6.25 inches/0.37 cu ft (23.495 x 28.575 x 15.875 cm/0.010m ³)	
Warranty Period	5 years	
Weight	33 lbs (15 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

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