

SIMPLIPHI YOUR POWER WITH THE PHI 1310™ SMART-TECH BATTERY



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The PHI 1310™ Wh 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 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
- Approved CA SGIP Advanced Energy Storage (AES) rebate program supplier

PHI 1310™	12V	24V
DC Voltages - Nominal	12.8V	25.6V
Amp Hours	102.4Ah	51.2Ah
Wh Capacity	1310Wh	1310Wh
Max Output Capacity	60A	60A
Max Charge Current	50A C/2	25A C/2
DC Voltage Range	10 to 14.4	20 to 28.8
Depth of Discharge	up to 100%	
Operating Efficiency	98%	
Operating Temp	-4° to 140°F (-20° to 60°C)	
Charge Temp	32° to 120°F (0° to 49°C)	
Self-Discharge Rate	<1% loss per month	
Cycle Life	10,000+	
Memory Effect	None	
Warranty Period	10 years	
Dimensions	11.25 x 9.25 x 6.25 inches/0.37 cu ft (23.495 x 28.575 x 15.875 cm/0.010m³)	
Weight	32.65 lbs (14.8 kg)	



- Meets transport safety weight requirements: Less than 35 kg including packaging
- UN 3481, Lithium Ion battery contained in equipment, 9, II
- UL and CE listed, UN/DOT and RoHS compliant components
- Designed and built in California, USA

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