

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



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The PHI 1310™ Wh 160 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.

- 24V LFP storage module 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 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™	24V
DC Voltages - Nominal	25.6V
Amp Hours	51.2Ah
Wh Capacity	1310Wh
Max Output Capacity	160A
Max Charge Current	50A
DC Voltage Range	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	5,000+
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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