

SIMPLIPHI YOUR POWER WITH THE PHI 3.4™ HIGH OUTPUT BATTERY



The PHI 3.4™ kWh 160 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 batteries 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

PHI 3.4™	24V
DC Voltages - Nominal	25.6 V
Amp Hours	126 Ah
Wh Capacity	3,225.6 Watt Hours
Max Peak Current	160 Amps / 5 minutes
Max Current	140 Amps / 15 minutes
Continuous Current	110 Amps
Max Charge Current	70 Amps
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
Cyle Life	5,000+
Memory Effect	None
Warranty Period	10 Years
Dimensions	13.5 x 14 x 8 inches / 0.88 cu ft (34.29 x 35.56 x 20.32 cm / 0.025 m3)
Weight	75.5 lbs (34.8 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 components. UN/DOT and RoHS compliant components.
- Designed and built in California, USA



Power. On Your Terms™

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