

SIMPLIPHI YOUR POWER WITH THE PHI 3.4™ BATTERY



The PHI 3.4™ 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, 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.

- Built-in accessible 80 Amp DC breaker On/Off switch - increases safety and simplifies installations
- 24V and 48V 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	48V
DC Voltages - Nominal	25.6	51.2
Amp Hours	134	67
Wh Capacity	3,440	
Max Output Capacity	60 Amps	
Max Charge Current	45 Amps	33 Amps
DC Voltage Range	20 to 28.8	40 to 57.6
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	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, UN/DOT and RoHS compliant components - UL Certified
- Designed and built in California, USA



Power. On Your Terms.™



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