

SIMPLIPHI YOUR POWER WITH THE PHI 675™ BATTERY



The PHI 675™ Wh deep-cycle Lithium Ferro Phosphate (LFP) battery is optimized with proprietary cell architecture, power electronics, BMS and manufacturing 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 675™	12V	24V
DC Voltages – Nominal	12.8V	25.6V
Amp Hours	52 Ah	26 Ah
Rated Wh Capacity @ C/2	675 Wh	675 Wh
Max Discharge Current	52 Amps (10 mins)	26 Amps (10 mins)
Max Contin. Charge Current	26 Amps	13 Amps
Max Contin. Disch. Current	26 Amps	13 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+	
Memory	None	
Warranty	10 years	
Dimensions	11.25 x 5.25 x 6.25 inches/0.21 cu ft (28.58 x 13.34 x 15.88 cm/0.06m ³)	
Weight	17 lbs (7.7 kg)	



- 1. Max operating conditions. Refer to Warranty for recommended conditions.
- All specifications listed are typical/nominal and subject to change without notice.
- Meets transport safety weight requirements: Less than 35 kg including packaging
- UN 3480, Lithium ion batteries, 9, II
- UL and CE listed, UN/DOT and RoHS compliant components
- Designed and built in California, USA