

PHI-3.8-24-60 : 3.8KWH 24V Lithium Battery by Simpliphi



Price: CAD \$4,499.00

SKU: PHI-3.8-24-60

Product Categories: [Multi-Use : 48V](#), [Batteries](#), [Shop](#)

Product Tags: [24V](#), [24v lfp](#), [24v lithium battery](#), [3.8kwh](#), [3800wh](#), [cabin](#), [canada](#), [lead-acid replacement](#), [lfp battery](#), [lithium](#), [lithium battery](#), [lithium iron phosphate](#), [off-grid lithium](#), [phi](#), [phi 3.5kwh](#), [phi 3.8](#), [phi 3.8 canada](#), [PHI-3.8-24-60](#), [residential](#), [simpliphi](#), [simpliphi 3.8](#), [simpliphi battery canada](#), [simpliphi canada](#), [simpliphi phi](#), [tiny house](#)

Product Page:

<https://www.modernoutpost.com/product/phi-3-8-24-60-3-8kwh-24v-lithium-battery-by-simpliphi/>

Product Summary

The Phi 3.8 is a 24V lithium iron phosphate (LFP) replacement for lead-acid

batteries that works with all major battery-based inverter brands. The PHI 3.8kWh 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.

Product Description

The PHI-3.8-24-60 is a 24V lithium iron phosphate (LFP) replacement for lead-acid batteries that works with all major battery-based inverter brands. The PHI 3.8kWh 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. Get power security and seamless integration of renewable and traditional sources of energy in conjunction with or independent of the grid. Ideal for net zero, peak shaving, emergency back-up, portable and mobile applications.

Simpliphi PHI-3.8-24-60 3.8kWh Lithium Battery Features

- Built-in accessible 80 Amp DC breaker On/Off switch – increases safety and simplifies installations

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

Simpliphi PHI-3.8-24-60 Specifications In Brief

DC Voltages - Nominal : 25.6 (24V)

Amp Hours : 151 (24V)

Rated Wh Capacity @ C/2 : 3.8 kWh

Max Discharge Current : 60 Amps (10 mins)

Max Contin. Disch. Current : 45 Amps (24V)

Max Contin. Charge Current : 45 Amps (24V)

DC Voltage Range1 : 24 to 28 (24V)

Depth of Discharge1 : up to 100%

Operating Efficiency : 98%

Operating Temp1 : -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

Weight : 77.5 lbs (35.15 kg)

Dimensions : 13.5 x 14 x 8 in. (15.5" H w/terminals) / 0.88 ft³ (34.3 x 35.6 x 20.3 cm / 0.025 m³)

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 35 kg
- DC Voltage: 24V, 48V

Product Gallery

