

SIMPLIPHI YOUR POWER WITH THE PHI 3.2™ HIGH OUTPUT BATTERY



The PHI 3.2™ 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 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 3.2™ | 24V |
|---------------------------------|---|
| DC Voltages - Nominal | 25.6 V |
| Amp Hours | 126 Ah |
| Rated kWh Capacity @ C/2 | 3.2 kWh 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 ¹ | 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 | 5,000+ (@ 80% DoD) |
| Memory Effect | None |
| Warranty Period | 5 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) |



- 1. Max operating conditions. Refer to warranty for recommended conditions.
- All specifications listed are typical/nominal and subject to change without notice.
- UN 3481, Lithium Ion battery contained in equipment, 9, II
- UL, CE, UN/DOT and RoHS compliant components
- Designed and built in California, USA

Power. On Your Terms



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