

PHI 2.9™ LO-PROFILE BATTERY



| | |
|---------------|---|
| CHEMISTRY | Lithium Ferro Phosphate (LFP) The safest Lithium Ion chemistry available No cobalt, risk of thermal runaway or fire |
| BMS | Built-in Battery Management System |
| CONNECTOR | Built-in Anderson 200 Amp PowerMod Quick Connect |
| COMPATIBILITY | Compatible with all industry standard inverters and charge controllers |
| MAINTENANCE | Maintenance-free No ventilation, cooling or thermal regulation required |

| PHI 2.9™ | 24V | 48V |
|------------------------------------|---|--|
| DC Voltages - Nominal | 25.6 VDC | 51.2 VDC |
| Amp-Hours | 115 Ah | 57 Ah |
| Rated kWh Capacity @ C/2 | 2.9 kWh DC @ 100% DOD 2.32 kWh DC @ 80% DOD | 2.9 kWh DC @ 100% DOD 2.32 kWh DC @ 80% DOD |
| MAX Discharge Rate (10 minutes) | 60 Amps DC (1.53 kW DC) | 60 Amps DC (3.07 kW DC) |
| MAX Continuous Discharge Rate | 45 Amps DC (1.15 kW DC) | 28.5 Amps DC (1.45 kW DC) |
| MAX Continuous Charge Rate | 45 Amps DC (1.15 kW DC) | 28.5 Amps DC (1.45 kW DC) |
| DC Voltage Range ¹ | 24 VDC to 28 VDC | 48 VDC to 56 VDC |
| Depth of Discharge ¹ | up to 100% | |
| Operating Efficiency | 98% | |
| Charging Temperature ¹ | 32° to 120° F (0° to 49° C) | |
| Operating Temperature ¹ | -4° to 140° F (-20° to 60° C) | |
| Storage Temperature | 6 months: 14° to 77° F (-10° to 25° C) 3 months: -4° to 113° F (-20° to 45° C) | |
| Self-Discharge Rate | < 1% per month | |
| Cycle Life | 10,000+ cycles (@ 80% DOD) | |
| Memory Effect | None | |
| Warranty | 10 Years or 10,000 cycles (@ 80% DOD) | |
| Weight | 61.06 lbs. (27.7 kg) | |
| Dimensions (W x H x D) | 17.5 x 14 x 5 in. / 0.71 ft ³ (44.5 x 35.56 x 12.7 cm / 0.02 m ³) | |

1. Max operating ranges. Refer to Warranty for recommended conditions.

- All specifications listed are typical/nominal and subject to change without notice.
- UN 3480, Lithium ion batteries, 9, II
- UL, CE, UN/DOT and RoHS compliant components - UL Certified
- Designed and manufactured in California, USA

CONFORMS TO
UL STD 1973