

Product Features

- **Yttrium-fortified** cathode for ultra-resilience against accelerated degradation & fade.
- **Fully rechargeable** in as little as 2 hours.
- **Serial communication (CANBUS)** compatible with leading peripherals incl. Victron®, Studer®, Ingeteam®, SMA® & Goodwe®
- **On-board monitoring** & diagnostics via integrated user interface / display.
- **Marine-grade** stainless steel enclosure.
- **10 Year** product warranty.



Technical Specifications

GENERAL INFORMATION

| | |
|-----------------------------|---|
| Battery Type | LiFeYPO4 (Lithium Iron Yttrium Phosphate) |
| Usable Capacity | 12000 Wh @C10, 25°C 10 400 Wh @C2, 25°C |
| Nominal Voltage | 26 VDC |
| Operating Voltage Range | 23.2 VDC – 28.1 VDC |
| Operating Temperature Range | -20°C – 65°C |
| Cycle Life @ 100% DoD | > 3600 cycles (12000 Wh @C10, 25°C) |
| Cycle Life @ 80% DoD | > 5000 cycles (9600 Wh @C10, 25°C) |
| Cycle Life @ 70% DoD | > 7000 cycles (8400 Wh @C10, 25°C) |
| Dimensions (mm) | 2 x (640 x 365 x 320mm) (W x D x H) |
| Weight (kg) | 150 kg |

CHARGE / DISCHARGE

| | |
|-------------------------------|---|
| Bulk Voltage | 28.1 VDC |
| Discharge Voltage (min.) | 23.2 V |
| Charge Current (max.) | 320 A continuous (for 10 minutes max.) |
| Discharge Current (max.) | 320 A continuous (for 10 minutes max.) 400 A burst (for 1 minute max.) 1200 A peak (for 2 seconds max.) |
| Charge Power (continuous) | Maximum: 6000W Recommended: 3000W |
| Discharge Power (continuous) | Maximum: 6000W Recommended: 1200W |
| Self-discharge Rate | < 2% per month |
| Charge & Discharge Efficiency | 96% @C2 ; 98% @C10 |

PROTECTION

| | |
|-------------------------|-----------------------------|
| Isolator | 1200 A |
| In-line Fuse | 2 x 160 A |
| Over-current Protection | 320 A |
| Over-voltage Cut-out | 31.2 V (3.90 V on any cell) |
| Under-voltage Cut-out | 22.8 V (2.85 V on any cell) |