

Product Features

- High performance ultra-reliable **Lithium Iron Phosphate chemistry.**
- **Fully rechargeable** in as little as 1.5 hours.
- **Serial communication (CANBUS)** compatible with leading peripherals incl. Victron®, Studer®, Ingeteam®, SMA®, Goodwe® & Sunsynk®
- **On-board monitoring & diagnostics** via integrated user interface / display.
- **Marine-grade** stainless steel enclosure.
- **10 Year** product warranty.



Technical Specifications

GENERAL INFORMATION	
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Usable Capacity	3 640Wh @C2, 25°C
Nominal Voltage	13 VDC
Operating Voltage Range	12 VDC ~ 13.8 VDC
Operating Temperature Range	Charge: 0°C ~ 50°C Discharge: -10°C ~ 50°C
Cycle Life @ 100% DoD @C2, 25°C	> 3 600 cycles (20% fade) 7 000 cycles (40% fade)
Cycle Life @ 80% DoD @C2, 25°C	> 5 000 cycles (20% fade) 9 000 cycles (40% fade)
Cycle Life @ 70% DoD @C2, 25°C	> 7 000 cycles (20% fade) 12 000 cycles (40% fade)
Dimensions (cm)	51 x 21 x 31cm (W x D x H)
Weight (kg)	40kg

CHARGE / DISCHARGE	
Bulk Voltage	13.8 VDC
Discharge Voltage (min.)	12.0 V
Charge Current (max.)	250A continuous
Discharge Current (max.)	250A continuous 300A burst (for 1 minute max.) 750A peak (for 2 seconds max.)
Charge Power	3 250W continuous
Discharge Power	3 250W continuous
Self-discharge Rate	< 2% per month
Charge & Discharge Efficiency	96% @C2

PROTECTION	
Isolator	750A
In-line Fuse	2 x 125A
Over-current Protection	250A
Over-voltage Cut-out	< 14.6V (3.65 V on any cell)
Under-voltage Cut-out	> 11.4V (2.85 V on any cell)