

Product Features

- 7 300 Wh useable energy
- Nominal voltage = 52 VDC
- Total weight = 84 kg
- Cycle life > 7000 cycles
- Ten year warranty
- Includes battery management system, cell monitoring and voltage control
- Built-in fuse and DC isolator
- Integrated with leading solar inverters to insure optimal battery charging for prolonged battery life



Technical Specifications

GENERAL	
Battery Type	LiFeYPO4 (Lithium Iron Yttrium Phosphate)
Useable Capacity	7 300 Wh
Battery Voltage	52 VDC
Operating Voltage	46 VDC – 57 VDC
Cycle Life > 3600 Cycles	7 300 Wh
Cycle Life > 5000 Cycles	5 840 Wh
Cycle Life > 7000 Cycles	5 110 Wh
Dimensions (mm)	2 x (600 x 400 x 200 mm) + (300 x 400 x 200 mm)
Weight (kg)	84 kg
Warranty	10 Years
CHARGE	
Bulk Voltage	57 VDC
Discharge Voltage (min)	46 V
Max. Charge Current (cont.)	200 A
Max. Discharge Current (cont.)	200 A
Operating Temperature	-20°C to 65°C
Self-discharge Rate	< 2% per month
Charge / Discharge Efficiency	> 96%
PROTECTION	
Isolator	400 A
In-line fuse	400 A
Over Current Protection	400 A
Over Voltage Cut-out	3.85 V (on any cell)
Under Voltage Cut-out	2.1 V (on any cell)