

Product Features

- 3 600 Wh usable energy
- Nominal voltage = 52 VDC
- Total weight = 37 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)
Usable Capacity	3 600 Wh
Battery Voltage	52 VDC
Operating Voltage	46 VDC – 57 VDC
Cycle Life > 3600 Cycles	3 600 Wh
Cycle Life > 5000 Cycles	2 880 Wh
Cycle Life > 7000 Cycles	2 520 Wh
Dimensions (mm)	600 x 400 x 200 mm
Weight (kg)	36 kg
Warranty	10 Years
CHARGE	
Bulk Voltage	57 VDC
Discharge Voltage (min)	46 V
Max. Charge Current (cont.)	100 A
Max. Discharge Current (cont.)	100 A
Operating Temperature	-20°C to 65°C
Self-discharge Rate	< 2% per month
Charge / Discharge Efficiency	> 96%
PROTECTION	
Isolator	165 A
In-line fuse	165 A
Over Current Protection	165 A
Over Voltage Cut-out	3.85 V (on any cell)
Under Voltage Cut-out	2.1 V (on any cell)