



LITHIUM ION BATTERIES

Features

- Grade A High Quality Battery cells
- High Discharge Supported up to 1C
- Longer Cycle life up to 5000 Cycles
- Supports Scalability
- Smart and intelligent Battery Monitoring System
- High Depth of discharge Supported upto 90 %
- High Energy Density
- Wider Operating Temperature Range
- Compatible with All standard inverter brands



Product Design By:
Crown Micro Global

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	12.8 V
Nominal Capacity	100Ah
Capacity @ 25A	100Ah
Energy	1280Wh
Resistance	
Efficiency	
Discharge Self	
Cycles	
DISCHARGE SPECIFICATIONS	
Continuous Discharge Max Current	
Discharge end Voltage	8.8 V
BMS Discharge CutOff Voltage	8.8V
Short Circuit Protection	
CHARGE SPECIFICATIONS	
Recommended Charge Current	
Maximum Charge Current	50 A
Recommended Charge Voltage	14.4 ±0.1V
BMS Charge Cut-Off Voltage	15 V (3.75 ±0.025 vpc)
Cut-off Release Voltage	14 V (3.5 ±0.05 vpc)
INTERFACE SPECIFICATIONS	
Communication	
Display	
Switch	
TEMPERATURE SPECIFICATIONS	
Discharge Temperature	
Charge Temperature	
Storage Temperature	
MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	177 x 400 x 168.5mm
Weight	11.25 Kg
Terminal Type	
Case Material	
Enclosure Protection	
Cell Type	
Chemistry	