



## 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**

## Specification:

# LITHIUM ION BATTERIES

<b>ELECTRICAL SPECIFICATIONS</b>	
Nominal Voltage	48 V
Nominal Capacity	100Ah
Capacity @ 25A	100Ah
Energy	4800Wh
Resistance	
Efficiency	
Discharge Self	
Cycles	
<b>DISCHARGE SPECIFICATIONS</b>	
Continuous Discharge Max Current	
Discharge end Voltage	37.5 V
BMS Discharge CutOff Voltage	37.5 V
Short Circuit Protection	
<b>CHARGE SPECIFICATIONS</b>	
Recommended Charge Current	
Maximum Charge Current	100 A
Recommended Charge Voltage	54 V
BMS Charge Cut-Off Voltage	55.5 V (3.7 ± 0.025 vpc)
Cut-off Release Voltage	50.7V (3.38 ± 0.05 vpc)
<b>INTERFACE SPECIFICATIONS</b>	
Communication	
Display	
Switch	
<b>TEMPERATURE SPECIFICATIONS</b>	
Discharge Temperature	
Charge Temperature	
Storage Temperature	
<b>MECHANICAL SPECIFICATIONS</b>	
Dimensions (L x W x H)	350 x 650 x 222mm
Weight	45kg
Terminal Type	
Case Material	
Enclosure Protection	
Cell Type	
Chemistry	