



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

ELECTRICAL SPECIFICATIONS	
Nominal Voltage	25.6 V
Nominal Capacity	100Ah
Capacity @ 25A	100Ah
Energy	2560Wh
Resistance	$\leq 50 \text{ m } \Omega$
Efficiency	> 99%
Discharge Self	<3% per Month
Cycles	4000 (80%DOD@25°C)
DISCHARGE SPECIFICATIONS	
Continuous Discharge Max Current	100 A
Discharge end Voltage	17.6 V
BMS Discharge CutOff Voltage	17.6 V
Short Circuit Protection	220-610 μ s
CHARGE SPECIFICATIONS	
Recommended Charge Current	20 A
Maximum Charge Current	50 A
Recommended Charge Voltage	28.8 \pm 0.1V
BMS Charge Cut-Off Voltage	30 V (3.75 \pm 0.025 vpc)
Cut-off Release Voltage	28 V (3.7 \pm 0.05 vpc)
INTERFACE SPECIFICATIONS	
Communication	SOC/Bluetooth
Display	LED
Switch	NO
TEMPERATURE SPECIFICATIONS	
Discharge Temperature	-20 °C ~65°C
Charge Temperature	0°C ~ 45°C
Storage Temperature	-20 °C ~45°C
MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	197 x 650 x 168.5mm
Weight	22.5 kg
Terminal Type	M6
Case Material	SPCC
Enclosure Protection	IP30
Cell Type	28148115-52Ah
Chemistry	LiFeP04