



LITHIUM-ION BATTERY

- 👑 GRADE A LiFePO4 Cells, > 10000 Cycles @ 80% DoD, 0.5C @ 25°C
- 👑 Parallel Up to 64 Pieces
- 👑 Supports CAN/RS485, Compatible with Major Inverter Brands
- 👑 WiFi & Bluetooth for Real Time Monitoring
- 👑 Fire-redundant Wiring and Laser Welding for Enhanced Safety
- 👑 Built-in Smart BMS with Multi-Protection (OVP, ODP, OTP, SCP)



MODEL NAME CMLB-51.2-314**GENERAL SPEC**

Rated Voltage (V)	51.2
Rated Capacity (Ah)	314
Rated Energy (Wh)	16077

OPERATION PARAMETER

Voltage Range (V)	44.8-57.0
Charge Voltage Range (V)	56.0-57.0
Cut-off Voltage (V)	44.8
Recommend Charge Current (A)	100
Max Charge Current (A)	200
Max Discharge Current (A)	200

PHYSICAL PARAMETER

Dimension : W*D*H (mm)	460*895*245
Weight (kg)	128 kg
Communication Port	RS485 、 CAN
Display	LED+LCD
Terminal	OT terminal

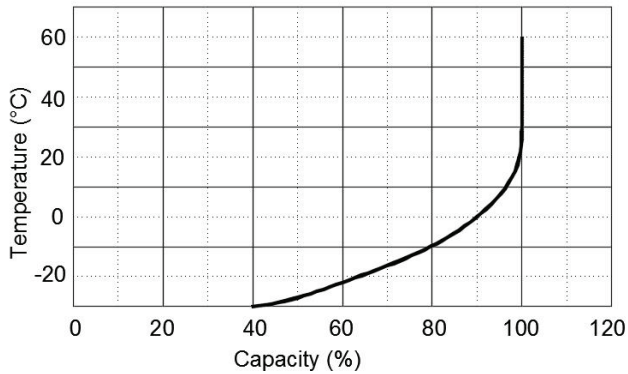
ENVIRONMENT PARAMETER

Humidity (%)	5-95% RH
Charge Temperature Range (°C)	0-50
Discharge Temperature Range (°C)	-20-55
Storage Temperature Range (°C)	-20-55

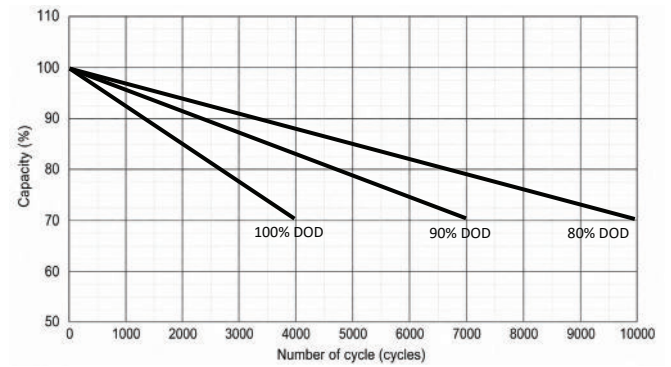
SERVICE LIFE

Cycle Life	>10000 (0.5C @ 25°C, 80% DOD)
Design Life (Year)	15

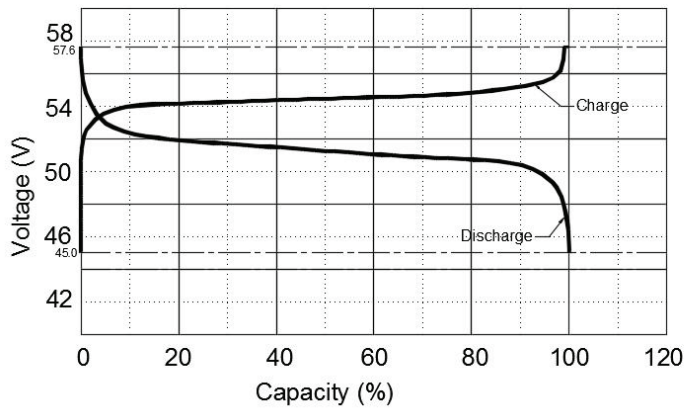
Discharge capacity with different temperature @ 0.5C



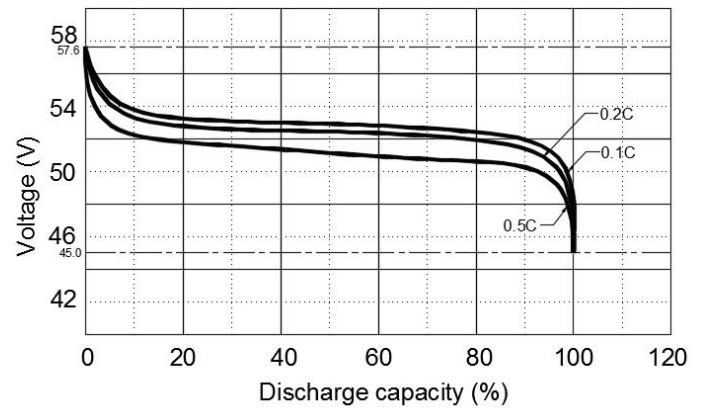
Cycle life with DOD @ 25°C , 0.5C



Charge & Discharge curve with 0.5C @ 25°C



Discharge performance with different rate @ 25°C



Self-discharge @ different temperature

