

# MOBILE LiFePO4 BATTERY



CMLB-51.2-230

CMLB-51.2-280



GRADE A LiFePO4 Cells, > 8000 Cycles @ 50% DoD, 0.5C @ 25°C



Parallel Up to 16 Modules



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)



CMLB-51.2-230

CMLB-51.2-280

MODEL NAME	CMLB-51.2-230	CMLB-51.2-280
<b>GENERAL SPEC</b>		
Rated Voltage (V)	51.2	
Rated Capacity (Ah)	230	280
Rated Energy (Wh)	11776	14336
<b>OPERATION PARAMETER</b>		
Voltage Range (V)	44.8-56.0	
Charge Voltage Range (V)	55.2-56.0	
Cut-off Voltage (V)	44.8	
Recommend Charge Current (A)	100	
Max Charge Current (A)	200	
Max Discharge Current (A)	200	
<b>PHYSICAL PARAMETER</b>		
Dimension : L*W*H (mm)	455*750*230	460*900*231
Weight (kg)	93.8	124.5
Communication Port	RS485、CAN	
Display	LED+LCD	
Terminal	OT terminal	
<b>ENVIRONMENT PARAMETER</b>		
Humidity (%)	5-95% RH	
Charge Temperature Range (°C)	0-45	
Discharge Temperature Range (°C)	-20-60	
Storage Temperature Range (°C)	-20-45	
<b>SERVICE LIFE</b>		
Cycle Life	>8000 (0.5C @ 25°C, 50% DOD)	
Design Life (Year)	15	