

BAT-48200-01, LiFePO4 Battery Specification

Characteristic		Photo for reference
Nominal voltage (V)	51.2 V	
Nominal capacity (Ah)	200 Ah	
Total energy (Kwh)	10.24 Kwh	
Voltage range (V)	40-58.4V	
Standard charging current (A)	50 A	
Max charging current (A)	100 A	
Max continues discharging current (A)	200 A	
Peak discharging current (A)	400 A (10s)	
Design life	More than 10 years	
Cycle life	More than 4000 cycles at 80% DOD	
Dimensions & Weight		
Dimension (mm)	696x302x255	
(can be customize)	(WxDxH)	
System weight (kg)	89	
Environment		
Operation thermal ambient (°C)	Charge: 0°C ~ 45°C Discharge: -20°C ~ 45°C	
Storage temp	<1month: -20°C ~ 45°C <3month: -20°C ~ 40°C 3-6month: -20°C ~ 25°C	
Storage humidity	<80%	
Protection grade	IP65	
BMS Protection		
Over-current protection	Over-	YES
voltage protection	Under-	YES
voltage protection	Over-	YES
temperature protection	Short-	YES
circuit protection		YES
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