

51.2V 200Ah 10.24KWH Lifpo4 battery pack with 100A BMS



Function Parameter

Norminal Battery Energy	10.24KWH
Norminal Capacity	200Ah
Norminal Voltage	51.2V
Dimensions(mm)	600x420x240
Internal Resistance	$\leq 30\text{m}\Omega$
Cycle Life	>6000
Months Self Discharge	<3%
Charge Data	
DC Normal Charge Voltage	$58.4 \pm 1\text{Vdc}$
Charge Mode	0.2C to 58.4V, then 58.4V, charge current to 0.02C (CC/CV)
Recommended Charger Curren	$\leq 50\text{A}$
Allowed Max. Charge Current	100A
Charge Cut-off Voltage	$58.4 \pm 1\text{Vdc}$
Discharge Data	
Continuous Discharge Current	100A
Allowed Max. discharge current	200A
Discharge cut-off voltage	42V
Working Condition	
Charge Temperature	0°C to 45°C
Discharge Temperature	-20°C to 60°C
Storage Temperature	0°C to 40°C
Enclosure Protection Level	IP54
Mechanical Data	
Cell & Capacity	LiFePO4 Battery
Shell material	Iron shell