



Wall Mounted Battery



760*600*100mm



620*470*165mm



With cell, environment, MOS temperature detection, cell high and low temperature alarm and protection function



With single cell voltage, battery pack voltage detection, over-charge, over-discharge alarm and protection functions



With charge and discharge current detection, over-charge and over-discharge current warning and protection functions



Short Circuit Protection. Charging balance function. Cell capacity estimation function



Various modes of dormancy and awakening. RS232/RS485 communication interface, using isolation communication

Item	Specifications	Note
Model	FW5120	
Type	LiFePO4 Battery	
Pack Method	16S1P	
Nominal Capacity	100Ah	Charge/Discharge: 0.5C, Cut-off Voltage: 40V
Nominal Voltage	51.2V	
Energy	5,120Wh	
Charge Method	CC/CV	
Charge Cut-off Voltage	58.4V	
Discharge Cut-off Voltage	40V	
Standard Charge Current	50A	
Max. Charge Current	100A	Warranty conditions: Charge current ≤ 50A (0.5C) @ 77°F(25°C) 80% DoD
Standard Discharge Current	50A	
Max. Continves Discharge Current	100A	Warranty conditions: Discharge current ≤ 50A (0.5C) @ 77°F(25°C) 80% DoD
Operational Efficiency	98%	
Cycle Life	6,000 times	Discharge current ≤ 50A (0.5C) @ 77°F(25°C) 80% DoD
Internal Impedance	≤50mΩ	
Dimension	620*470*165mm 760*600*100mm	
Weight	48 ± 2kg	
Communication Mode	CAN, RS485,RS232	
Working Temperature Range	Charge: 0°C~ 55°C, Discharge: -5°C ~ 55°C	
Storage Temperature	-10°C ~ 45°C	

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