

No.	Item	Specification	Remark
1	Battery Cell Model	LFP100Ah	Lithium Iron Phosphate
2	Battery Module Model	1P8S-100Ah	
3	Nominal Capacity	100Ah	
4	Nominal Voltage	25.6V	Singe cell: 3.2V
5	Operation Voltage Range	22.4V~29.2V	
6	Nominal Energy	2.56kWh	
7	Operation Voltage	Charge Temperature : -35°C~65°C; Discharge Temperature: -10°C~65°C.	
8	Storage Temperature	-20°C~50°C	25°C is necessary for more than three-month of storage
9	Working Humidity	20~80%RH	
10	Standard Charge Current	50A	
11	Maximum Continuous Charge Current	50A	
12	Standard Discharge Current	50A	
13	Maximum Continuous Discharge Current	100A	(100A, 25±2°C)
14	PACK Weight	About 28Kg	
15	Dimension	Length: 500 (±2) mm Depth: 310 (±2) mm Height: 162 (±2) mm	Exclude air plugs and hanging ears.