

(2) Battery Technical Specification

Parameters	Data Sheet		
Model	LFP25100/25120	LFP4850/5150	LFP48100/51100 (Wall&Stacking Mounted)
Nominal Voltage	25.6V	48V / 51.2V	48V/51.2V
Nominal Capacity	100Ah / 120Ah	50Ah	100Ah
Energy(Wh)	2.56 / 3.072Kwh	2.4 / 2.56Kwh	4.8/5.12Kwh
Discharging Cut-off Voltage	22.4V	42V / 44.8V	42V / 44.8V
Charging Cut-off Voltage	28.8V	54V / 57.6V	54V / 57.6V
Max Charging Current	70A	40A	70A
Max Discharging Current	100A	75A	100A
Peak Discharging Current	105A	80A	105A
Max Loaded Power	3Kw	3Kw	3~5Kw
Nos of Cells	8 pcs	15 / 16 pcs	15 / 16 pcs
Communication	RS485/CAN		
Depth of Discharge	95		
Working Temperature	0°C~50°C Charge		
	-10°C~50°C Discharge		
The Shelf Temperature	-10°C~55°C		
Protection Degree	I		
Humidity	5~95%(RH)		
Certificates	CE / UN38.3 / MSDS		
Design Life Cycle	10+Years (25°C/77°F)		
Cycles	≥6000 at 25°C		