

(2) Battery Technical Specification

Parameters	Data Sheet			
Model	LFP HW4850/5150	LFP HW48100/51100	LFP HW48150/51150	LFP HW48200/51200
Energy(Wh)	2.5Kwh	5Kwh	7.5Kwh	10Kwh
Nominal Voltage	48V/51.2V	48V/51.2V	48V/51.2V	48V/51.2V
Nominal Capacity	50Ah	100Ah	150Ah	200Ah
Net Weight	≤27.5Kg	≤54Kg	≤68Kg	≤75Kg
Discharge Voltage	43.5~54.7V / 46.4~58.4V			
Charging Voltage	53.25~54.7V / 56.8~58.4V			
Recommended Charging Current	40A			
Max Charging Current	80A			
Recommended Discharging Current	100A			
Max Discharging Current	200A			
Max Loaded Power	3~10Kw			
Peak charging / Discharging current	200A@5sec			
Communication	RS232/RS485/CAN (Optional Bluetooth / Wifi)			
Depth of Discharge	95			
Nos of Cells	15/16 pcs			
Working Temperature	0°C~50°C Charge			
	-10°C~50°C Discharge			
The Shelf Temperature	-20°C~60°C			
Protection Degree	I			
Humidity	5~95%(RH)			
Certificates	CE / UN38.3 / MSDS			
Design Life Cycle	5+ Years (25°C/77°F)			
Cycles	≥6000 at 25°C			

