

24V 200Ah Battery Information				
NO.	Item	General Parameter		Remark
1	Battery type	Lifepo4 battery		lifepo4 3.2 V 200Ah cell
2	Rated voltage	25.6 V		Work voltage
3	Standard capacity (1C)	200 Ah		
4	Rate Power	5120 Wh		
5	Internal Impedance	≤4 mΩ (AC 1 kHz)		
6	Max. Charge voltage	29.2 V		Voltage of Charger Selection
7	Cut-off voltage	20 V		BMS discharge voltage cut-off
8	Standard charge current	5 - 200 A		Max charge current 100 A
9	Continuous discharge current	5 - 200 A		
10	Max Continuous discharge current	300 A		10 seconds
11	Battery dimension	590 * 380 * 430 mm		
12	Total weight (Approx.)	66.5 kg		Gross weight.
13	(CC/CV) Charge method (CC/CV)	Standard	0 °C ~ 45 °C	Charge
		Discharge	-20 °C ~ 60 °C	
		Storage	5 °C ~ 25 °C	
14	Capacity @ shipment	50 % - 60 %		
15	Ingress Protection	IP61		
16	Cycle life	≥ 6000 times		85 % DOD
17	Composed Type	8S 1P		
18	Interface protocol	RS485		
19	BMS (Protective board)	Cell Over charge voltage protection	3.65 ± 0.025 V	
		Cell over discharge protection	2.5 ± 0.02 V	
		Balancing current	35 mA	
		Balancing voltage	3.4 V	
		Self consumption	Working current:20 mA, Sleep current: 800 uA	
		Pack Charge overcurrent protection	200 A	
		Pack Discharge overcurrent protection	300 A	
		Short circuit protection	2000 A 500 us	
	High temperature protection	65 °C		
	Low temperature protection	-20 °C		
20	Warranty time	5 years		

