

24V 100Ah Battery Information			
NO.	Item	General Parameter	Remark
1	Battery type	Lifepo4 battery	lifepo4 3.2 V 100 Ah cell
2	Rated voltage	25.6 V	Work voltage
3	Standard capacity (1C)	100 Ah	
4	Rate Power	2560 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 ~ 100 A	Max charge current 100 A
9	Continuous discharge current	10 ~ 100 A	
10	Max Continuous discharge current	200 A	10 seconds
11	Battery dimension	520*267*220 mm	
12	Total weight (Approx.)	32 kg	Gross weight.
13	(CC/CV) Charge method (CC/CV)	Standard	0 °C ~ 45°C
		Discharge	-20 °C ~ 65 °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	Intelligent module	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	100 A
		Pack Discharge overcurrent protection	300 A
		Short circuit protection	1000 A 500 us
	High temperature protection	65 °C	
	Low temperature protection	-20 °C	
20	Warranty time	5 years	

