


48V 100Ah Battery Pack Information				
NO.	Item	General Parameter		Remark
1	Battery type	Lifepo4 battery pack		lifepo4 3.2V 100Ah cell
2	Rated voltage	48 V		Work voltage
3	Standard capacity (1C)	100 Ah		
4	Rate Power	4800 Wh		
5	Internal Impedance	≤3 mΩ ( AC 1 kHz )		
6	Max. Charge voltage	54.75 V		Voltage of Charger Selection
7	Cut-off voltage	37.5V		BMS discharge voltage cut-off
8	Standard charge current	2 A ~ 100 A		Max charge current 100 A
9	Continuous discharge current	2 A ~ 100 A		
10	Max Continuous discharge current (3C)	300 A		10 seconds
11	Battery dimension	510*410*270 mm		
12	Total weight (Approx )	40 kg		Net weight
13	(CC/CV) Charge method (CC/CV)	Standard	0 °C ~ 45 °C	Charge
		Discharge	-20 °C ~ 60 °C	
		Storage	-20 °C ~ 45 °C	
14	Capacity @ shipment	50 % - 60 %		
15	Combine way	15S 1P		
16	Ingress Protection	IP61		
17	Cycle life	≥3500 times		85 % DOD
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		100 A
		Pack Discharge overcurrent protection		300 A
		Short circuit protection		1000 A 500 us
20	Warranty time	High temperature protection		65 °C
		Low temperature protection		-20 °C
20	Warranty time	2 years		



48V 100Ah Power Wall Information				
NO.	Item	General Parameter		Remark
1	Battery type	Lifepo4 battery pack		lifepo4 3.2V 100Ah cell
2	Rated voltage	48 V		Work voltage
3	Standard capacity (1C)	100 Ah		
4	Rate Power	4800 Wh		
5	Internal Impedance	≤5 mΩ ( AC 1 kHz )		
6	Max. Charge voltage	54.75 V		Voltage of Charger Selection
7	Cut-off voltage	37.5 V		BMS discharge voltage cut-off
8	Standard charge current	10 A - 100 A		Max charge current 100 A
9	Continuous discharge current	10 A - 100 A		
10	Max Continuous discharge current	150 A		10 seconds
11	Battery dimension	605*365*190 mm		
12	Total weight (Approx.)	47kg		Net weight.
13	(CC/CV) Charge method (CC/CV)	Standard	0 °C ~ 45 °C	Charge
		Discharge	-5 °C ~ 60 °C	
		Storage	5 °C ~ 25 °C	
14	Capacity @ shipment	20% - 30%		
15	Combine way	15S 1P		
16	Ingress Protection	IP61		
17	Cycle life	≥6000 times		80% DOD
18	Communication Protocol	RS485, RS232, CAN		
19	Data Display	LCD		
20	BMS	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		150 A
		Short circuit protection		1000 A 500 us
		High temperature protection		65 °C
Low temperature protection		-20 °C		
21	Warranty	5 years		



48V 100Ah Lifepo4 Rack Battery Information			
NO.	Item	General Parameter	Remark
1	Battery type	Lifepo4 battery pack	lifepo4 3.2V 100Ah cell
2	Rated voltage	48 V	Work voltage
3	Standard capacity	100 Ah	
4	Rate Power	4800 Wh	
5	Internal Impedance	≤5 mΩ ( AC 1 kHz )	
6	Max. Charge voltage	54.75 V	Voltage of Charger Selection
7	Cut-off voltage	37.5 V	BMS discharge voltage cut-off
8	Standard charge current	10 A - 100 A	Max charge current 100 A
9	Continuous discharge current	10 A - 100A	
10	Max Continuous discharge current	150 A	10 seconds
11	Battery dimension	399*450*260 mm	
12	Total weight (Approx.)	47.2 kg	Net weight.
13	(CC/CV) Charge method (CC/CV)	Standard	0 °C ~ 45 °C
		Discharge	-5 °C ~ 60 °C
		Storage	5 °C ~ 25 °C
14	Capacity @ shipment	20 % - 30 %	
15	Combine way	15S1P	
16	Ingress Protection	IP61	
17	Cycle life	≥ 5000 times	DOD 80 %
18	Communication Port	RS485, CAN, RS232	
19	Data Display	LCD	
20	BMS	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	100A
		Pack Discharge overcurrent protection	150A
		Short circuit protection	1000A 500us
High temperature protection	65 °C		
Low temperature protection	-20 °C		
21	Warranty	5 years	

Reference picture

