

48V 300Ah Lifepo4 Rack Battery Information			
NO.	Item	General Parameter	Remark
1	Battery type	Lifepo4 battery pack	lifepo4 3.2V 300Ah cell
2	Rated voltage	48 V	Work voltage
3	Standard capacity	300 Ah	
4	Rate Power	14400 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	30 A - 300 A	Max charge current 300 A
9	Continuous discharge current	30 A - 300 A	
10	Max Continuous discharge current	450 A	10 seconds
11	Battery dimension	590*410*260 mm	
12	Total weight (Approx.)	123 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	300 A
		Pack Discharge overcurrent protection	450 A
		Short circuit protection	1000 A 500 us
21	Warranty	High temperature protection	65 °C
		Low temperature protection	-20 °C

Reference picture



48V 300Ah Lifepo4 Power Wall Battery Information			
NO.	Item	General Parameter	Remark
1	Battery type	Lifepo4 battery pack	lifepo4 3.2V 300Ah cell
2	Rated voltage	48 V	Work voltage
3	Standard capacity	300 Ah	
4	Rate Power	14400 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	30 A – 300 A	Max charge current 300A
9	Continuous discharge current	30 A – 300 A	
10	Max Continuous discharge current	450 A	
11	Battery dimension	620*410*230 mm	10 seconds
12	Total weight (Approx.)	129 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 %	Charge
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	300 A
		Pack Discharge overcurrent protection	450 A
		Short circuit protection	1000 A 500 us
		High temperature protection	65 °C
21	Warranty	5 years	Low temperature protection -20 °C

Reference picture

