


Typ č. 1

48V 200A Battery Specification				
NO.	Item	General Parameter		Remark
1	Battery type	Lifepo4 battery pack		lifepo4 3.2V 200Ah cell
2	Rated voltage	48 V		Work voltage
3	Standard capacity (1C)	200 Ah		
4	Rate Power	9600 Wh		
5	Internal Impedance	≤5 mΩ (AC 1 kHz)		
6	Max. Charge voltage	54 V		Voltage of Charger Selection
7	Cut-off voltage	37.5 V		BMS discharge voltage cut-off
8	Standard charge current	2 - 200 A		Max charge current 200 A
9	Continuous discharge current	2 – 200 A		
10	Max Continuous discharge current (3C)	600 A		10 seconds
11	Battery dimension	650*400*255 mm		
12	Total weight (Approx.)	78 kg		Net 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	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		200 A
		Pack Discharge overcurrent protection		400 A
		Short circuit protection		2000 A 500 us
		High temperature protection		65 °C
Low temperature protection		-20 °C		
20	Warranty time	5 years		



Typ č. 2

48V 200Ah Power Wall Information				
NO.	Item	General Parameter		Remark
1	Battery type	Lifepo4 battery pack		lifepo4 3.2V 200Ah cell
2	Rated voltage	48 V		Work voltage
3	Standard capacity (1C)	200 Ah		
4	Rate Power	9600 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	20 - 200 A		Max charge current 200 A
9	Continuous discharge current	20 – 200 A		
10	Max Continuous discharge current	300 A		10 seconds
11	Battery dimension	800*501*219 mm		
12	Total weight (Approx.)	93 kg		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		200 A
		Pack Discharge overcurrent protection		300 A
		Short circuit protection		1000 A 500 us
		High temperature protection		65 °C
Low temperature protection		-20 °C		
21	Warranty	5 years		



48V 200Ah Lifepo4 Rack Battery Information			
NO.	Item	General Parameter	Remark
1	Battery type	Lifepo4 battery pack	lifepo4 3.2V 200Ah cell
2	Rated voltage	48 V	Work voltage
3	Standard capacity	200 Ah	
4	Rate Power	9600 Wh	
5	Internal Impedance	≤5 mΩ (AC 1kHz)	
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	20 A - 200 A	Max charge current 200 A
9	Continuous discharge current	20 A - 200 A	
10	Max Continuous discharge current	300 A	10 seconds
11	Battery dimension	590*380*260 mm	
12	Total weight (Approx.)	87.5 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: 20mA, Sleep current: 800 uA
		Pack Charge overcurrent protection	200 A
		Pack Discharge overcurrent protection	300 A
		Short circuit protection	1000 A 500 us
		High temperature protection	65 °C
Low temperature protection	-20 °C		
21	Warranty	5 years	
Reference picture		