

12.8V 200Ah Battery Data Sheet				
NO.	Item	General Parameter		Remark
1	Battery type	Lifepo4 battery		lifepo4 3.2V 200Ah cell
2	Rated voltage	12.8 V		Work voltage
3	Standard capacity	200 Ah		
4	Rate Power	2560Wh		
5	Internal Impedance	≤ 30 mΩ (AC 1 kHz)		
6	Max. Charge voltage	14.6 V		Voltage of Charger Selection
7	Cut-off voltage	10 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	Peak Continuous discharge current	300 A		10 seconds
11	Battery dimension	345*190*245 mm		
12	Total weight (Approx.)	19.5 kg		Gross weight.
13	(CC/CV) Charge method (CC/CV)	Standard	0° C ~ 25 °C	Charge
		Discharge	-20 °C ~ 60 °C	
		Storage	5 °C ~ 25 °C	
14	Capacity @ shipment	20 % - 30 %		
15	Ingress Protection	IP61		
16	Cycle life	≥ 5000 times		
17	Composed Type	4S1P		
18	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: 400 uA
		Pack Charge overcurrent protection		200 A
		Pack Discharge overcurrent protection		300 A
		Short circuit protection		50 A 300 us
		High temperature protection		65 °C
Low temperature protection		-5 °C		
19	Warranty time	5 years		



12V 200Ah Battery Information				
NO.	Item	General Parameter		Remark
1	Battery type	Lifepo4 battery		lifepo4 3.2V 200 Ah cell
2	Rated voltage	12.8 V		Work voltage
3	Standard capacity (1C)	200 Ah		
4	Rate Power	2560 Wh		
5	Internal Impedance	≤3 mΩ (AC 1 kHz)		
6	Max. Charge voltage	14.6V		Voltage of Charger Selection
7	Cut-off voltage	10 V		BMS discharge voltage cut-off
8	Standard charge current	2A- 18 A		Max charge current 180 A
9	Continuous discharge current	20A		
10	Max Continuous discharge current	400 A		10 seconds
11	Battery dimension	522 * 267 * 220 mm		
12	Total weight (Approx.)	32 kg		Gross weight.
13	(CC/CV) Charge method (CC/CV)	Standard	0 °C ~ 25 °C	Charge
		Discharge	-20 °C ~ 60 °C	
		Storage	-5 °C ~ 25 °C	
14	Capacity @ shipment	20 % - 30 %		
15	Ingress Protection	IP61		
16	Cycle life	≥6000 times		85% DOD 0.1C
17	Composed Type	4S 1P		
18	Intelligent module	RS485		
19	Protective board (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: 8 00 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. 3

12.8V 200Ah LifePO4 Battery 1. Data Sheet

No	Item	Description	Remark
1	Battery Type	LifePO4	
2	Rated Voltage	12.8 V	
3	Voltage Range	10 V ~ 14.6 V	
4	Rated Capacity	200 Ah	
5	Battery Power	2560 Wh	
6	Combination Mode	4S	
7	DC Charge Current	2 A~ 200 A	
7	DC Discharge Current	2 A~ 200 A	
8	Peak Discharge Current	300 A	10 S
9	Data Display	LCD	
10	BMS	Charge/Discharge/Short Circle Protect	
11	SOC estimation error	< 10%	
12	Charging Temperature	-20 ~ 45 °C	
13	Discharge Temperature	-5 ~ 65 °C	
14	Relative Humidity	Monthly average not more than 90 %	
20	Housing Material	Metal	
21	Size	500*371*188 mm	

2. Function indication





- ① ② DC Input & output pole (Same interface for charging and discharging)
- ③ Display remaining power
- ④ DC USB Output port
- ⑤ DC 12V Port (cigarette lighter)
- ⑥ DC Input port (Charging port)
- ⑦ Switch on/off