

SolarQuantum

BEST CHOICE:

Batteriespeicher 10 kWh



ARTIKEL-NR.: SQ002BA10

Hersteller: Shenzhen Battery Technology Co.,Ltd, Shenzhen, Guangdong, China

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Original Datenblatt: <https://drive.google.com/drive/u/0/folders/1HnfWCnSyldzPOq7NT5pvU4yLg0fQyuoV>

48V 200Ah Battery Information

NO.	Item	General Parameter		Remark
1	Battery type	Lifepo4 battery		lifepo4 3.2V 200Ah cell
2	Standard capacity (0.2C)	200Ah		
3	Rated voltage	48 V		Work Voltage
4	Rate Power	9600Wh		
5	Internal Impedance	≤5mΩ (AC 1kHz)		
6	Max.Charge voltage	54.75 V		Voltage of Charger Selection
7	Cut-off voltage	37.5V		BMS Discharge Voltage Cut- off
8	Input Port	+ - Polt		
9	Output Port	+ - Polt		
10	Standard Charge Current	2~100A		
11	Continuous Discharge Current	2~200A		
12	Peak Continuous Discharge Current	300A		10 Seconds
13	Battery dimension	460 * 420 * 250 mm		
14	Total weight (Approx.)	85 kg		Gross weight.
15	(CC/CV) Charge method (CC/CV)	Standard	0℃~45℃	Charge
		Discharge	5℃~65℃	
		Storage	5℃~45℃	
16	Capacity @ shipment	50%-60%		
17	Ingress Protection	IP57		
18	Cycle life	5000 times		80% DOD 0.1C
19	Composed Type	15S 1P		
20	Intelligent module	RS485		Customization
21	BMS	Cell Over charge voltage protection		3.65±0.025 V
		Cell over discharge protection		2.5±0.02 V
		Balancing current		35mA
		Balancing voltage		3.4V
		Self consumption		Working current:20mA,Sleep current:800uA
		Pack Charge overcurrent protection		200A
		Pack Discharge overcurrent protection		300A
		Short circuit protection		2000A 500us
		High temperature protection		65 ℃
Low temperature protection		-5 ℃		
22	Warranty time	10 years		