

LITHIUM BATTERY



Features

- Safe and reliable
- LCD display can show battery data
- Built-in intelligent BMS system optimize the performance
- Built-in automatic protection can prevent overcharge, overdischarge, overvoltage, short circuit and over temperature
- Support serial connection, Bluetooth and battery heating functions (optional)
- Excellent standby power consumption is 4mA and can automatically enter sleep
- Customized services, support customers to customize capacity, voltage etc.



TECHNICAL SPECIFICATIONS

LifePo4 51.2V 100Ah

No.	Item for Battery System		General Parameter	Remark
1	Model No#		EU-C/LI-100/51.2V	
2	Nominal Voltage		51.2 V	
3	Standard capacity for battery system		100.0 Ah	
4	Energy		5,120.0 Wh	
5	Cycle Life		≥5,000 cycles @100% DOD	RSOC 80%
6	Designed lifespan		≥ 8,000 cycles	RSOC 10%
7	Period of Warranty		5 years	
8	Short Circuit Protection		Yes	
9		Length	580 mm	
	Size	Width	453 mm	
		Height	160 mm	
10	Limited Charge Voltage		58.4 ±0.1V	
11	Floating Charge Voltage		55.2 ±0.1V	
12	Standard Charging Method		Constant current 0.3C, Constant voltage 58.4V, 0.01C cut-off	CC/CV
13	Max. Charge Current		50.0 A	
14	Cut-off Voltage		41.6 V	
15	Max Continuous Discharge Current		100.0 A	
16	Operating Temperature	Charge	0~55C , 45~85%RH	
		Discharge	-20~55C , 45~85%RH	
17	Weight		Approx. 51.5 Kg	
18	Full voltage difference of battery pack		≤20mV	Standard charging
	(10 minutes of static test with full charge)			
19	IP grate		IP 55	