



SHENZHEN LITU NEW ENERGY TECHNOLOGY CO.,LTD



PRODUCT SPECIFICATIONS

Battery Specifications				
No.	Item	General Parameter		Remark
1	Combination	16S2P		
2	Rated Capacity	Typical	110AH	Standard discharge after standard charge for pack
		Min.	108AH	
3	Factory Voltage	48-49.5v		Mean operation voltage
4	Voltage at end of discharge	less than 43.2v		Discharge Cut-off Voltage
5	Charging Voltage	57v		
6	Internal Impedance	less than 100mΩ		Under 20±5°C Environment Temperature , the Usage Frequency of Fully Charge(1KHz) . Use AC Internal Impedance test machine to test
7	Max Charging Current(Icm)	100A		Ampere-meter ,Maximum allowable charging current of the battery pack
8	Limited Charging Voltage(Ucl)	57.6V		Volta-meter (Serial+3.6V) ,Battery pack safe charging voltage
9	Max Discharging current	100A		aximum discharge current allowed by the battery pack
10	Discharge Cut-off voltage(Udo)	43.2V		Voltage of the battery when the discharge is stopped
11	Operation Temperature Range	Charge:	0-55°C	
		Discharge:	-20-60°C	
12	Storage Temperature	-20°C - 25°C		Recommend (25±3°C) ; ≤90%RH storage moisture range
13	Single module Size/weight	596*381*189mm /45Kg		One module, single unit at 45KG
14	Combination method	PACK*2/*3/*4/*5/*6		
15	Factory Voltage	48-49.5V		Standard discharge after Standard charge (package)
16	Voltage at end of Discharge	<=43.2V		Discharge Cut-off Voltage
17	Charging Voltage	57V		Internal resistance measured at AC 1khz after 50% charge. The measure must uses the new batteries that within one week after shipment and cycles less than 5 times
18	Internal Impedance	Less than 100mΩ		
19	Standard charge	100A		
20	Standard discharge	110A		
21	Maximum Continuous Charge Current	200A		
22	Maximum Continuous DIS-Charge Current	200A		
23	Operation Temperature Range	Charge : 0-55°C		
		Discharge : -20-65°C		
24	Storage Temperature	-20°C - 25°C		≤90%RH storage moisture range



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