



SHENZHEN LITU NEW ENERGY TECHNOLOGY CO.,LTD



Waterproof Solar Battery With Ip64

## PRODUCT SPECIFICATIONS

Product Specification		
Item	General Parameter	Remark
Model Number	YP WT10KWH16S-001	
Combination method	16S2P	
Rated Capacity Typical	200Ah	Standard discharge after Standard charge package
Type / Model	51.2V200Ah, 10.24 KWH	
Rated capacity	10.24 KWH	
Nominal voltage	51.2VDC	
Voltage at end of Discharge	Single Cell 2.7V, Pack 43.2V	Discharge Cut-off Voltage
Recommended charging voltage by manufacturer	57.6V or 3.60V/cell	Volta-meter (Serial*3.60V) ,Battery pack safe charging voltage
Internal Impedance	=40mO	Under 20±5°C Environment Temperature , the Usage Frequency of Fully Charge( 1KHz) , Use AC Internal Impedance test machine to test 20±5°C
Standard charge	80A	Ampere-meter ,Maximum allowable continuous charging current of the battery pack
Max Charging Current(lcm)	100A	
Upper limit charging voltage	58.4V or 3.65V/cell	Volta-meter (Serial*3.65V) ,Battery pack safe charging voltage
Standard discharge	80A	Maximum continuous discharge current allowed by the battery pack
Max continuous Discharging current	100A	
Discharge Cut-off voltage(Udo)	43.2V	Voltage of the battery when the discharge stopped
Operation Temperature Range	Charge :0~50°C	
	Discharge : -20~55°C	
Storage Temperature Range	-20°C~35°C	Recommend (25±3°C) ; =90%RH storage moisture range. =90%RH
Battery system Size/Weight	L798*W512*H148mm /102±3kg	Including Handle Size
Packing size	L870*W595*H245 mm	



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