

48V/51.2V-100AH Energy Storage Battery System Solutions



Specification

Model	THS5-48V100AH	THS5-51.2V100AH
Material system	LiFePO4	
Nominal voltage	48V	51.2V
Rated capacity	100AH	100AH
Rated energy	4.8KWH	5.12KWH
Size(mm)	482*478*155	
Weight	46kg	48kg
Design life	≥10 years	
Max. charging voltage	54V	57.6V
Discharge cut-of voltage	40.5V	43.2V
Cycle times	≥6000 Cycles(@80%DOD,25°C)	
Charging temperature range	0°C~55°C(working below 0°C will affect the performance of battery capacity)	
Discharge temperature range	-20°C~60°C(working below 0°C will affect the performance of battery capacity)	
Storage environment	0°C~45°C@60±25% Relative Humidity	
IP Class	IP21	
BMS Balanced approach	Active balancing	
Communication	RS232-PC, RS485(B)-PC, RS485(A)-Inverter, Canbus-Inverter,Bluetooth & Wifi(Matching)	
Certification	CE,UN38.3,MSDS	

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