

48V/51.2V Energy Storage Battery System Solutions



▶ Specification

Model	THS10-48V200AH	THS10-51.2V200AH
Material system	LiFePO4	
Nominal voltage	48V	51.2V
Rated capacity	200AH	
Rated energy	9.6KWH	10.24KWH
Size(mm)	580*482*235	
Weight	90±2kg	94±2kg
Design life	≥10 years	
Max. charging voltage	54.0V	57.6V
Discharge cut-of voltage	37.5~42.0V	40.0~44.0V
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~55°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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