

3.2 48V Series Battery Specifications

Item	Specifications		remark
	48100T	48200T	
Battery Type	LiFePO4		
Typical Capacity (Ah)	100Ah	200Ah	
Typical Voltage (V)	48V		
Connection	15S1P	15S2P	
Voltage Working Range (V)	41V-55V		Single cell: 2.7V-3.65V
Working Temperature(°C)	Charge: 0°C~+55°C, Discharge: -20°C~+60°C		
Storage Temperature(°C)	-20°C~+35°C		
Nominal capacity (kWh)	4.8kWh	9.6kWh	
Max. Charge Current(A)	50A	50A	
Max. DisCharge Current(A)	100A	100A	
Cycle Life	≥6000		25°C 0.2C 80%DOD
SOC accuracy	<8%		
Weight(kg)	43kg	88kg	
Dimensions(mm)	580x400x160mm	770x500x160mm	L x W x H
IP Grade	IP54		
Transportation SOC	30%		
Cooling	Nature		