



2. Battery Specifications

Battery Specifications			
Model No	LFP48V100AH	LFP48V150AH	LFP48V200AH
Nominal Parameters			
Voltage	48 V	48 V	48 V
Capacity	100Ah	150Ah	200Ah
Energy	4.8 KWH	7.2 KWH	9.6 KWH
Dimensions (L x W x H)	680 x495 x190mm	680 x495 x190mm	680 x495 x190mm
Net Weight	67kg	80kg	96kg
Compose	15S2P	15S3P	15S4P
Basic Parameters			
Life time(25°C)	10 years		
Communication Method	CAN/RS485		
Display method and language	LCD, English		
Life cycles(80% DOD, 25°C)	>6000 times Cycles		
Storage time / temperature	5 months @ 25°C; 3 months @ 35°C; 1 month @ 45°C		
Operation temperature	-20°C to 60°C @60+/-25% Relative Humidity		
Recommend storage temperature	15°C to 35°C @60+/-25% Relative Humidity		
Lithium Battery Standard	IEC62619, UN38.3, ROHS, CE-EMC, UL1642, MSDS		
Enclosure protection rating	IP21		
Electrical Parameters			
Operation voltage	48 Vdc	48 Vdc	48 Vdc
Max. charging voltage	54.75Vdc	54.75Vdc	54.75Vdc
Cut-off Discharge Voltage	40.5 Vdc	40.5 Vdc	40.5 Vdc
Max. discharging current	100A dc	150A dc	150A dc
Max. charging current	100A dc	100A dc	100A dc