



**BATTERY PACK SPECIFICATION**

Item	General Parameter		Item	General Parameter
Combination method	1551P		Battery Type	LifePO4(LFP)
Rated Capacity	Typical	100Ah	Operation Temperature Range	Charge: 0~55°C
	Minimum	96Ah		Discharge: -20~55°C
Voltage	48V - 49.5V		(Discharge Cut-off Voltage (Udo	40.5V
Voltage at end of Discharge	46.4V		Storage Temperature Range	22°C~28°C
Charging Voltage	54V		Internal Impedance	≤30mΩ
Max Discharging current	100A (50A Recommended)		Dimensions	440*580*160mm
(Max Changing Current(lcm	100A (50A Recommended)		Color	Black/White
(Limited Charging Voltage (Ucl	54V		Full Weight	46kg

**BASIC PARAMETERS**

(Life time(25°C	10 Years
(Life cycle(80% DOD, 70% SOH, 25°C	6000 Cycles@0.5C
Storage time / temperature	5 months @ 25°C; 3 months @ 35°C; 1 month @ 45°C
Operation temperature	Charging 20°C to 45°C Discharging -20°C to 60°C @60+/-25% Relative Humidity
Lithium Battery Standerd	CE, ROHS, IEC62619,IEC62133, UN38.3,MSDS
Enclosure protection rating	IP21

**BATTERY MANGEMENT SYSTEM FUNCTION**

Overcharge detection function
Over discharge detection function
Over current detection function
Short detection function
Temperature detection function
Communication:CAN and RS485

**WALL MOUNTED TYPE**  
4.8KWh 48V 100Ah



Atmosphere Pressure:  
86 ~ 106kPa



Temperature:  
25°C±5°C



Relative humidity:  
≤75%



**5 YEARS**  
PRODUCT WARRANTY