



BATTERY PACK SPECIFICATION

Item	General Parameter		Item	General Parameter
Voltage	48V		Battery Type	LifePO4(LFP)
Rated Capacity	Typical	100Ah	Operation Temperature Range	Charge: 0~55°C
	Minimum	96Ah		Discharge: -20~55°C
Voltage at end of Discharge	46.4V		(Discharge Cut-off Voltage (Udo	37.5V
Charging Voltage	54.75V		Storage Temperature Range	22°C~28°C
Max Discharging current	100A (50A Recommended)		Dimensions	478*475*132.5mm
(Max Charging Current(Icm	100A (50A Recommended)		Color	Black/White
(Limited Charging Voltage (Ucl	54.75V		Full Weight	41kg±1kg

BASIC PARAMETERS

(Life time(25°C	5 Years
(Life cycle(80% DOD, 70% SOH, 25°C	6000 Cycles
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 Standard	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

STACKABLE TYPE
4.8KWh 48V 100Ah



Atmosphere Pressure:
86 ~ 106kPa



Temperature:
25°C±5°C



Relative humidity:
≤75%



5 YEARS
PRODUCT WARRANTY