



LFP 4S-300H-Ge 3.84kWh

12.8V 300Ah-LiFePO4-battery

High quality materials/LiFePO4 cells/Long cycle life/Fully new grade A cells /Safe /Bluetooth

Item	Parameter
ELECTRICAL PERFORMANCE	
Cell	LiFePO4
Nominal Voltage	12.8V
Rated Capacity	300Ah
Energy	3840wh
Maximum number of series and parallel connections	4S4P
CHARGE / DISCHARGE PERFORMANCE	
Recommended Charge Voltage	14.4V
Recommend Charge /Discharge Current	100A
Max.Continuous Charge Current	200A@25±2°C
Max.Continuous Discharge Current	200A@25±2°C
Max.Continuous Output Power	2560W@25±2°C
Battery Management System (BMS)Board	200A
Working Voltage Range	10.8V -14.4V
Recommended depth of battery charge and discharge	80%
CHARGE/DISCHARGE METHOD AND CYCLE LIFE	
Cycle Life	3000 times(25°C±2,0.5C,80%SOC)
Charge Method	CC/CV
Standard charge method	Charge with 100A constant current and14.4V constant voltage, charge to 14.4V. continue charging till current decline to <0.05C
Standard discharging method	0.3C constant current discharge to 10.8V
MECHANICAL PERFORMANCE AND TEMPERATURE REQUIREMENT	
Dimension	403*319*240mm
Weight	32.8kg
Housing Material	SPCC
Protection Class	IP20
Temperature Range	Charge:0°Cto 45°C
	Discharge:-10°C to 50°C
	Storage:-10°C to 35°C