



LFP 8S-300H-Ge 7.68kWh

25.6V-LiFePO4-battery

Wall mounted

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

Item	Parameter
ELECTRICAL PERFORMANCE	
Cell	LiFePO4
Energy	7680Wh
Nominal Voltage	25.6 V
Nominal Capacity	300AH
Working voltage	22.4-28.8V
Communication	CAN/RS232/RS485
CHARGE PERFORMANCE	
Recommended Charge Current	< 100A
Max Charge current	140A
Recommended Charge Voltage	28.8V
BMS Charge Cut-off Voltage	<28.8 V (3.6V/Cell)
DISCHARGE PERFORMANCE	
Recommended Discharge Current	< 100A
Maximum Output Power	3840W
Max Continuous Discharge Current	200 A
Peak Discharge Current	210A (1s)
BMS Discharge Cut-off current	250 A (500ms)
BMS Discharge Cut-off Voltage	22.4V (1s) (2.8V/Cell)
Recommended Discharge DOD	80%
MECHANICAL PERFORMANCE	
Cycle Life	6000 times(25°C±2,0.5C,80% SOC)
Dimensions (L*W*H)	690*375*270MM
Reference Weight	67Kg
Terminal Type	M8 screw terminal
Case Material	SPCC
Protection Class	IP21
TEMPERATURE REQUIREMENT	
Discharge Temperature	-10-50°C
Charge Temperature	0-45°C
Storage Temperature	10-35°C
BMS High Voltage Cut-off	65°C
BMS FUNCTION AND COMPATIBLE INVERTERS	
Scalability	Up to 15Units ,Suggest 8 Units
Monitoring and Protection	Each Battery has Smart BMS,Breaker
Alarms	Over Charge/Over Discharge/Over Current/ Over Temperature/Short Circuit
Compatible Inverters	DEYE /SOLIS/Growatt /Voltronic Power/Goodwe/SMA/Victron/SOROTEC/MUST/Sacolar etc.