



LFP 16S-100H-Ge 5.12kWh

51.2V -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	5120Wh
Nominal Voltage	51.2V
Nominal Capacity	100AH
Working voltage	44.8-57.6V
Communication	CAN/RS232/RS485
CHARGE PERFORMANCE	
Recommended Charge Current	< 75A
Max Charge current	100A
Recommended Charge Voltage	57.6V
BMS Charge Cut-off Voltage	<57.6 V (3.6V/Cell)
DISCHARGE PERFORMANCE	
Recommended Discharge Current	< 75A
Maximum Output Power	5000W
Max Continuous Discharge Current	100 A
Peak Discharge Current	110A (1s)
BMS Discharge Cut-off current	150 A (500ms)
BMS Discharge Cut-off Voltage	44.8V (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)	525*450*170MM
Reference Weight	49.5Kg
Terminal Type	M8 screw terminal
Case Material	SPCC
Protection Class	IP20
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.