GroundHV–2500

High Voltage Stackable Energy Storage Battery

Support capacity selection 7.5kWh / 10kWh / 12.5kWh / 15kWh / 17.5kWh / 20kWh

Smart O&M

Check the APP to find data on your phone.Remote diagnosis and OTA.

Expansion Flexibility

2.5kWh modular design ,Scalable from 7.5kWh to 20kWh.

Easy installation

24kg/52.9lb per battery box, easy to move and install. Quick connector between boxes, no cable connecting.

Safe & Reliable

Lithium Iron Phosphate(LFP) cell only. BMS, fuse and aerosol kit are built in.

Environment Adaptability

Wider temperature range: -20°C~+55°C. IP65 protection class.

Perfect Compatibility

Compatible to most high voltage inverters in the market.

More Usable Energy

90% Depth of Discharge, more than 6000 cycles (0.5C, 25℃).

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Power Distribution Unit

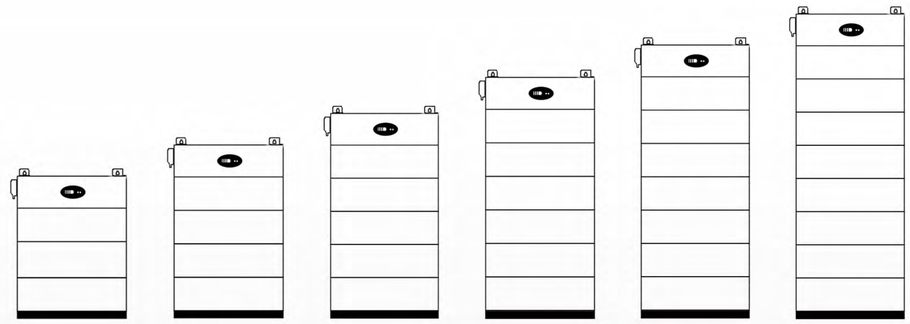
48V 52Ah 2.5kWh/Pack

I Product Parameter

GroundHV–2500

CE CB RoHS MSDS IEC EMC UN38.3

Capacity ： 52Ah	Max. Discharge/Charge Current ： 35A	Battery Type ： LiFePO4
Installation ： Ground-mounted	Each Pack ： 23.5kg/220*580*170mm	PDU+Base ： 14kg/220*606*220mm
Protection Level ： IP65	Cycle Life ： >6000. @25℃，0.5C，90%DOD	Transportation SOC ： 30%
Working Temperature ： Charge:0℃~+55℃	Discharge:-20℃~+55℃	Storage Temperature ： -20°C~+35°C
Wi-Fi Module ： optional	PDU/Pack Package Dimension ： 606*220*225mm	



Mode	GroundHV-7.5K	GroundHV-10K	GroundHV-12.5K	GroundHV-15K	GroundHV-17.5K	GroundHV-20K
Nominal Voltage	144V	192V	240V	288V	336V	384V
Connection	1P45S	1P60S	1P75S	1P90S	1P105S	1P120S
Voltage Working Range	114.7V-159.7V	153V-213V	191.2V-266.2V	230V-319V	267.7V-372.7V	306V-426V
Nominal Capacity	7.488kWh	9.984kWh	12.48kWh	14.976kWh	17.472kWh	19.968kWh
Weight	~80kg/176lb	~105kg/231lb	~129kg/284lb	~152.3kg/335lb	~176.2kg/388lb	~199.5kg/438lb
Dimension(W*H*D)	606*730*220mm	606*900*220mm	606*1070*220mm	606*1240*220mm	606*1410*220mm	606*1580*220mm