




GroundHV 2500


High Voltage Stackable Energy Storage Battery


Can be connected in series to 7.5kWh / 10kWh / 12.5kWh / 15kWh / 17.5kWh / 20kWh


- 

Expansion Flexibility
2.5kWh modular design ,Scalable from 7.5kWh to 20kWh Mixed packs of new and old batches.
- 

Easy installation
25kg battery module,one-person installation.No cable connection,plug and play.
- 

Safe & Reliable
Lithium iron phosphate(LFP) cell.BMS built in &Passive protection by fuse and aerosol.
- 

Environment Adaptability
Wide temperature of -10°C~50°C.IP 65 Design.
- 

Perfect Compatibility
Compatible to residential three phase inverters.
- 

More Usable Energy
90% depth of discharge,pack level energy optimization.

Power Distribution Unit

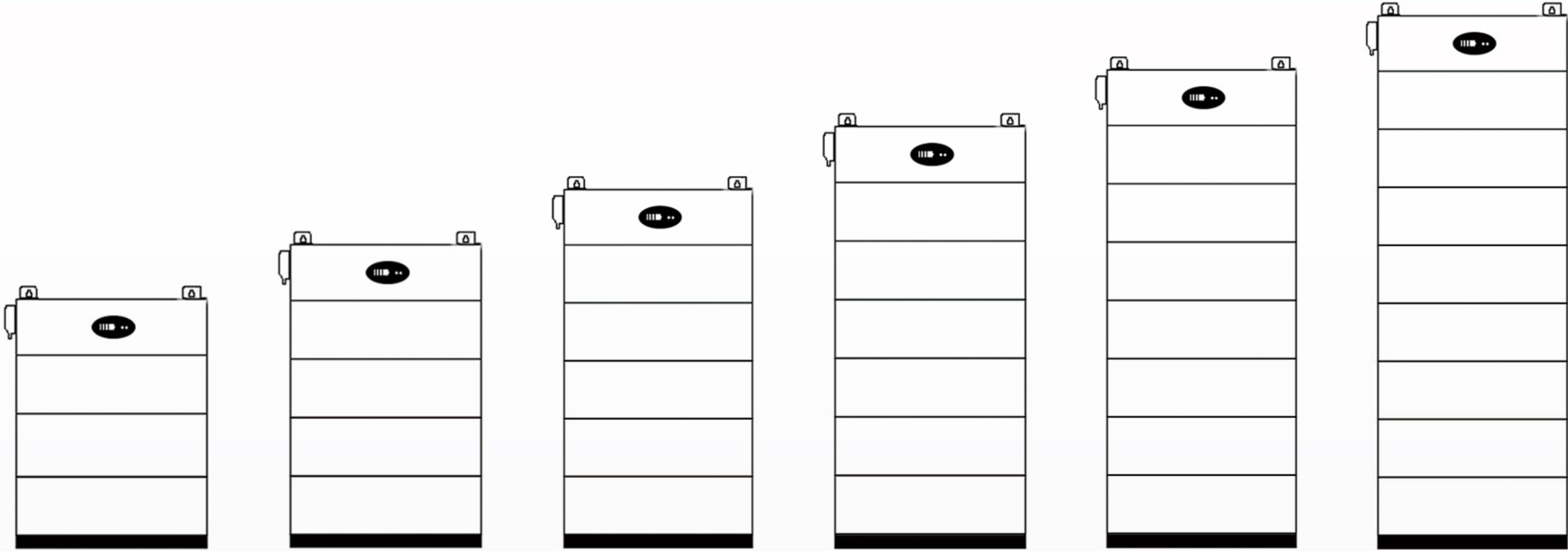
48V 52Ah 2.5kWh/Pack

I Product Parameter

GroundHV 2500

CE CB RoHS MSDS IEC EMC UN38.3

Capacity：	52Ah	Battery Type：	LiFePO4	Max. Charge Current(A)：	35A
Istallation：	Floor Installation	Max. Discharge Current(A)：	35A	Recycleable：	Fully recyclable at the end of life
IP Protection：	IP65	Temperature(°C) Cycle Life：	>6000. 25°C, 0.5C 90%DOD	Storage：	-20°C~+35°C
Working Temperature(°C)：	Charge: 0°C~+55°C	Discharge:-20°C~+55°C	Transportation SOC：	30%	



Mode	GroundHV-7500	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(V)	114.7V-159.7V	153V-213V	191.2V-266.2V	230V-319V	267.7V-372.7V	306V-426V
Nominal Capacity(kWh)	7.488kWh	9.984kWh	12.48kWh	14.976kWh	17.472kWh	19.968kWh
Weight	~80kg	~105kg	~129kg	~152.3kg	~176.2kg	~199.5kg
Dimension(L*W*H)	606 x220x730mm	606x220x900mm	606x220x1070mm	606x220x1240mm	606x220x1410mm	606x220x1580mm