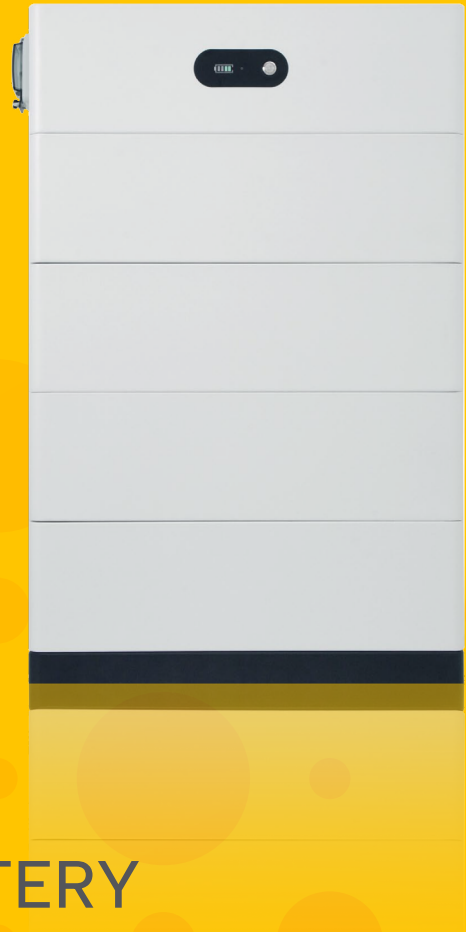




HIGH VOLTAGE BATTERY

GroundHV-2500



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



Wider temperature range: -20°C ~ $+55^{\circ}\text{C}$.
IP65 protection class.



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



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

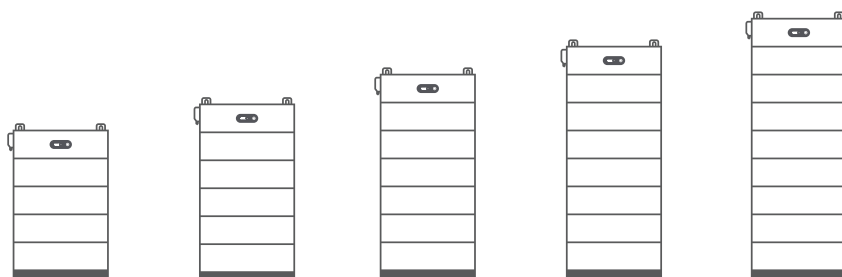


90% Depth of Discharge,
More than 6000 cycles (0.5C, 25°C).



2.5kWh modular design,
Scalable from 10kWh to 20kWh.

Technical Specification



GroundHV
-10K

GroundHV
-12.5K

GroundHV
-15K

GroundHV
-17.5K

GroundHV
-20K

BATTERY MODULE	4	5	6	7	8
Nominal Capacity [kWh]	9.984	12.48	14.976	17.472	19.968
Nominal Voltage [V]	192	240	288	336	384
Operating Voltage [V]	153-213	191.2-266.2	230-319	267.7-372.7	306-426
Max. Discharge [A]	35				
Charge Current [A]	35				
Battery Type	LiFePO4				
Cell Configuration	1P60S	1P75S	1P90S	1P105S	1P120S

TECHNICAL DESCRIPTION					
Capacity	52Ah				
Working Temperature [°C]	Charge: 0°C~+50°C/Discharge: -20°C~+55°C				
Transportation SOC	30%				
Wi-Fi Module	Optional				
Each Pack	23.5kg/220*580*170				
PDU+Base	14kg/220*606*220				
Storage Temperature [°C]	-20°C~+35°C				
Protection Level	IP65				
Installation	Ground-mounted				
Size (W×H×D) [mm]	606*900*220	606*1070*220	606*1240*220	606*1410*220	606*1580*220
PDU/Pack Package Size [mm]	606*220*225				
Weight [kg]	105	129	152.3	176.2	199.5

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