



GroundHV-2500

7.5kWh / 10kWh / 12.5kWh / 15kWh / 17.5kWh / 20kWh

High-Voltage Stackable Battery



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. Plug connections between packs, wireless design.



Safe & Reliable

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



Environmental Adaptability

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



Long Lifespan

More than 15 years designed lifespan, more than 6000 cycles (0.5C, 25°C).

Technical Specification

MODEL	GroundHV-10K	GroundHV-12.5K	GroundHV-15K	GroundHV-17.5K	GroundHV-20K
Stacking method					
PERFORMANCE SPECIFICATION					
Nominal voltage (V)	192	240	288	336	384
Connection	1P60S	1P75S	1P90S	1P105S	1P120S
Voltage working range (V)	153-213	191.2-266.2	230-319	267.7-372.7	306-426
Rated energy (kWh)	9.984	12.48	14.976	17.472	19.968
Weight	~105kg/231lb	~129kg/284lb	~152.3kg/335lb	~176.2kg/388lb	~199.5kg/438lb
Dimensions (W*H*D)(mm)	606*900*220	606*1070*220	606*1240*220	606*1410*220	606*1580*220
GENERAL DATA					
Capacity (Ah)	52				
Max.discharge current (A)	35				
Charge current (A)	35				
Battery type	LiFePO4				
Installation	Floor stand				
Protection class	IP65				
Transportation SOC	30%				
Wi-Fi module	Optional				
Each pack	23.5kg/580*170*220mm				
PDU+base	14kg/606*220*220mm				
Working temp (°C)	Charge: 0 ~ +50 Discharge: -10 ~ +55				
Storage temp (°C)	-20 ~ +35				
PDU/pack package dimension(mm)	606*220*225				
STANDARD COMPLIANCE					
Certificates	IEC 62619, EN/IEC 61000-6-1&-6-3, UN38.3, UKCA, RoHS, REACH, CEI 0-21				