

ESS-Ground-HV-2.5K

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°C).

Power Distribution Unit

48V 52Ahead 2.5kWh/Pack

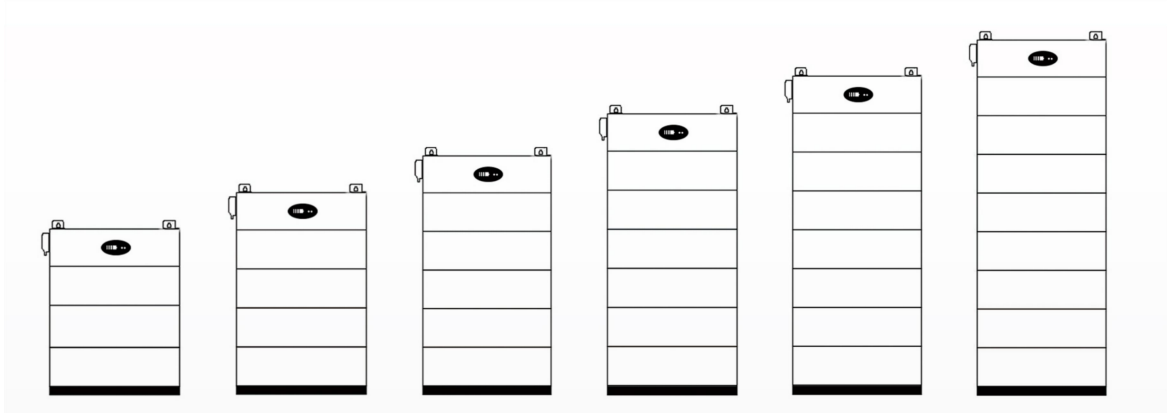




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Capacity:52Ah	Max.Discharge/Charge Current:35A	Battery Type:LiFePO4
Installation:Ground-mounted	Each Pack:23.5kg/220*580*170mm	PDU+Base:14kg/220*606*220mm
Protection Level:IP65	Cycle Life:>6000.@25°C,0.5C,90%DOD	Transportation SOC:30%
Working Temperature:Charge:0°C~+55°C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



Mode	GroundHV-7.5K	GroundHV-10K	GroundHV-12.5K	GroundHV-15K	GroundHV-17.5K	GroundHV-20K
Nominal Voltage	144V	192V	240V	288V	336V	364V
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
Nominnal 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