

High Voltage Stackable Energy Storage Battery

GMHV-2500



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



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 needed.



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.



Smart O&M

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

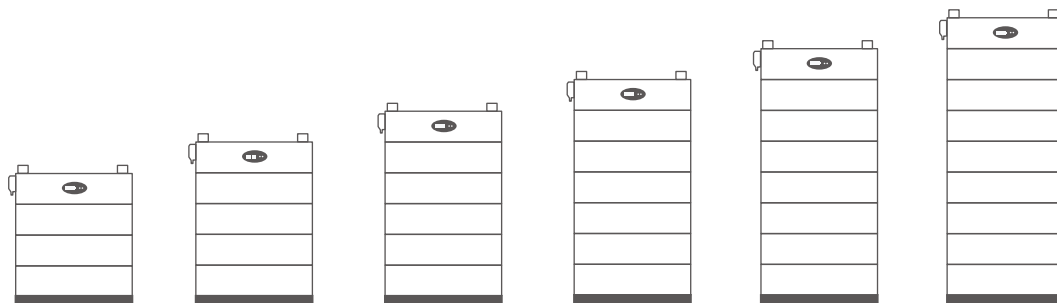


More Usable Energy

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

Product Parameter

Model	GMHV2500-H1 (Per 2.5KW Pack)
Capacity	52Ah
Battery Type	LiFePO4
Installation	Ground-mounted
Max. Discharge/Charge Current	35A
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°
Storage	-20°C~+35°C
Control Box/Single Battery Module Dimension	606x220x225mm



Model	AF7500W-H3	AF10000W-H4	AF12500W-H5	AF15000W-H6	AF17500W-H7	AF20000W-H8
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 x H x D mm)	606x730x220	606x900x220	606x1070x220	606x1240x220	606x1410x220	606x1580x220