

ESS SOLUTIONS

INDUSTRIAL & RESIDENTIAL



LFPWall-10K-V2

10kWh / 20kWh / 30kWh / 40kWh

CE CB UK CA   IEC  UN38.3

Product Advantages

Expansion Flexibility

10kWh modular design, support 1-8 battery in parallel.

Easy Installation

Wall mounted or floor mounted, saving installation time and cost.

Perfect Compatibility

Compatible with most low voltage inverters in the market.

Safe & Reliable

Lithium Iron phosphate(LFP) cell only.
BMS built in.

Environment Adaptability

Wider temperature range: -10°C~55°C.
IP65 protection class.

Long Lifespan

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

Product Parameter

Model	LFPWall-10K-V2	Modules Connection	1-8 in parallel
Nominal Capacity	10.44kWh	Communication	CAN.RS485
Voltage	51.2V	Cycle Life	≥6000 @25°C,0.5C
Charge Voltage	57.6V	Storage Temperature	-20°C~+35°C
Discharge Voltage Range	43.2-57.6V	Working Temp Range	Charge: 0°C~+50°C Discharge: -10°C~+55°C
Max.Charging Current	90A	Net Weight	96kg/211lb
Max.Discharging Current	140A	Gross Weight	125kg/275lb
Battery Type	LiFePO4	Product Dimension(W*H*D)	586*790*197mm
Max.Output Power	7168W	Package Dimension(W*H*D)	720*950*390mm
DOD	90%		

Enerlution

tuya

HIGH VOLTAGE STACKABLE ENERGY STORAGE BATTERY

GroundHV-2500

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

CE CB UK CA   IEC  UN38.3 CEI 0-21

Product Advantages

● Easy Installation

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

● Smart O&M

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

● Environment Adaptability

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

● More Usable Energy

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

● Expansion Flexibility

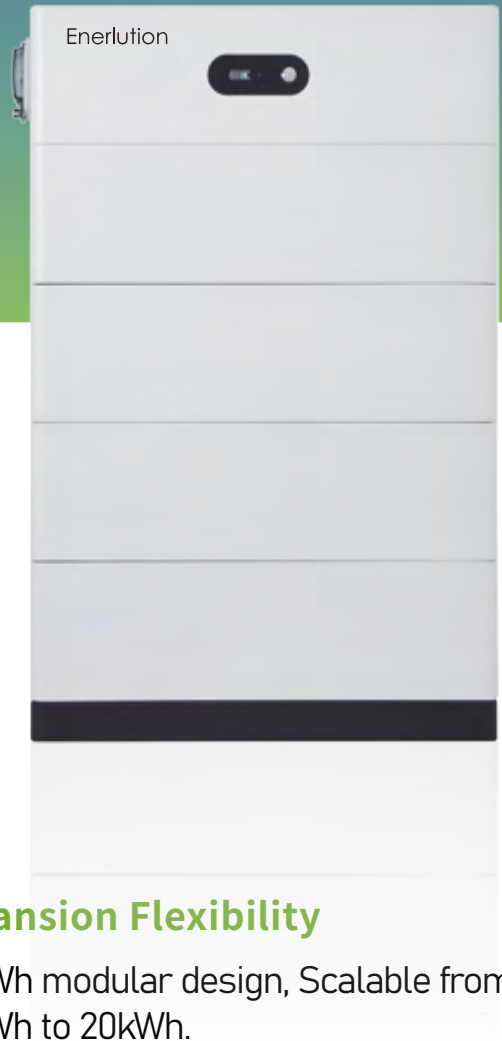
2.5kWh modular design, Scalable from 7.5kWh to 20kWh.

● Safe & Reliable

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

● Long Lifespan

More than 15 years



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Enerlution

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HIGH VOLTAGE STACKABLE ENERGY STORAGE BATTERY

GroundHV-2500

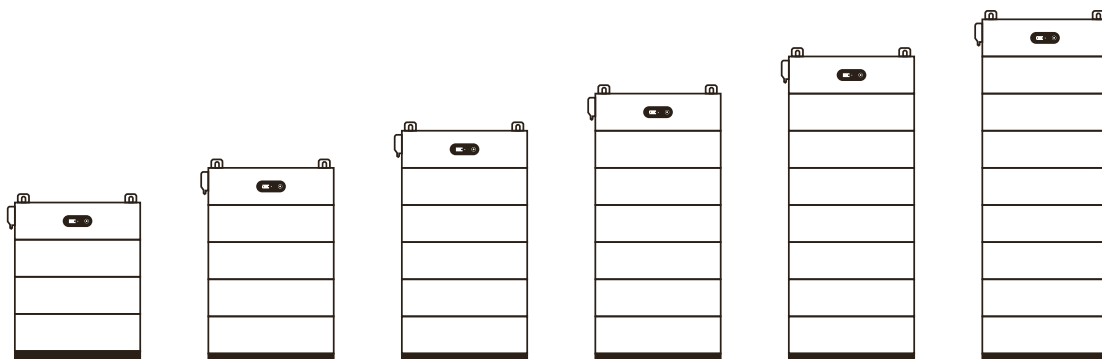
7.5kWh / 10kWh / 12.5kWh / 15kWh / 17.5kWh / 20kWh

CE CB UK CA RoHS MSDS IEC EMC UN38.3 CEI 0-21

Product Parameter



Capacity	52Ah	Wi-Fi Module	Optional
Max.Discharge	35A	Each Pack	23.5kg/220*580*170mm
Charge Current	35A	PDU+Base	14kg/220*606*220mm
Battery Type	LiFePO4	Working Temperature	Charge: 0°C~+50°C Discharge: -10°C~+55°C
Installation	Ground-mounted	Storage Temperature	-20°C~+35°C
Protection Level	IP65	PDU/Pack Package Dimension	606*220*225mm
Transportation SOC	30%		



Model	GroundHV-7.5K	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	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
Dimensions (W*H*D)	606*730*220mm	606*900*220mm	606*1070*220mm	606*1240*220mm	606*1410*220mm	606*1580*220mm



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