



EINNOVA
SOLARLINE

Energy storage product

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

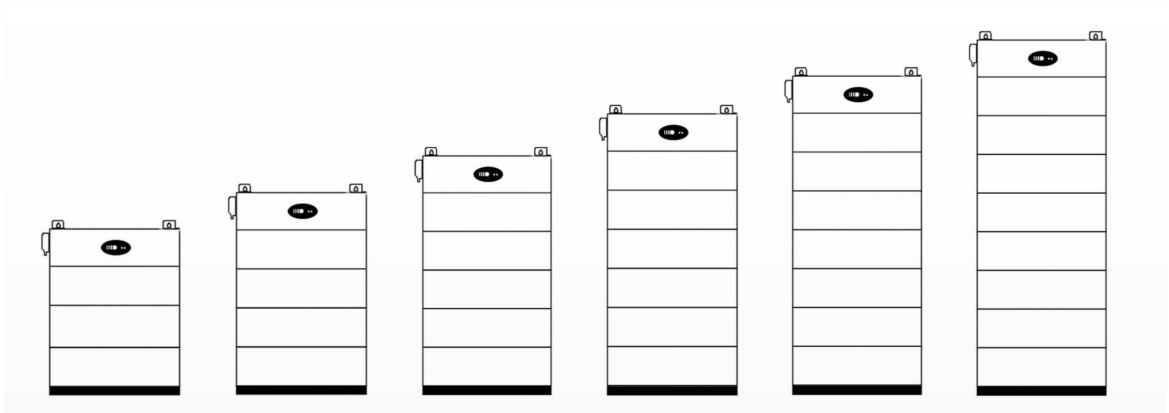




ESS-Ground-HV-2.5K



| | | |
|--------------------------------------|------------------------------------|---------------------------------|
| 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 |

ESS-Wall-10K

Wall Mounted Energy Storage Battery

Support capacity selection 10kWh /20kWh /30kWh /40kWh ...



Expansion Flexibility

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



Easy Installation

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



Safe & Reliable

Lithium Iron Phosphate(LFP)cell only. BMS fuse are built in.



Environment Adaptability

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



Perfect Compatibility

Compatible with most low voltage inverters in the market.



Long Lifespan

15-20 years designed lifespan, more than 6000 cycles (0.5C,25°C).

51.2V 204Ah 10.44kWh

Power Wall





ESS-Wall-5K

CE CB     UN38.3

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

ESS-Wall-5K

Wall Mounted Energy Storage Battery

Support capacity selection 5kWh /10kWh /15kWh /20kWh ...



Expansion Flexibility

5kWh modular design, support 1-8 battery in parallel.



Easy Installation

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



Safe & Reliable

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



Environment Adaptability

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



Perfect Compatibility

Compatible with most low voltage inverters in the market.



Long Lifespan

15-20 years designed lifespan, more than 6000 cycles (0.5C,25°C).

51.2V 102Ah 5.22kWh

Power Wall





ESS-Wall-5K

CE CB     UN38.3

| | |
|---------------------------|--|
| Model | ESS-Wall-5K |
| Nominal Capacity | 5.22kWh |
| Nominal Voltage | 51.2V |
| Charge Voltage | 57.6V |
| Discharge Voltage Range | 45-57V |
| Max. Charging Current | 40A |
| Battery Type | LiFePO4 |
| Max. Discharging Current | 75A |
| Max. Output Power | 3840W |
| DOD | 90% |
| Modules Connection | 1-8 in parallel |
| Communication | CAN.RS485 |
| Cycle Life | ≥6000@25°C,0.5C |
| Storage temperature | -20°C~+35°C |
| Working Temp Range | Charge:0°C~+55°C Discharge:-10°C~+55°C |
| Net Weight | 48.5kg/106lb |
| Gross Weight | 52.5kg/115lb |
| Product Dimension (W*H*D) | 536.3*464*180.5mm |
| Package Dimension (W^H*D) | 592*522*252mm |

ESS-RACK-51B100L

Residential ESS Battery Rack-mounted

Support capacity selection 5kWh/10kWh /15kWh 120kWh...



Expansion Flexibility

5. 12kWh modular design, support battery in parallel.



Easy Installation

Rack-mounted installation, easy to grab.



Safe & Reliable

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



Environment Adaptability

Wider temperature range:-10°C-55°C.IP52 protection class.



Perfect Compatibility

Compatible with both residential single & three phase inverters.



Long Lifespan

15-20 years designed lifespan, more than 6000 cycles (0.5C,25 °C)

51.2V 102Ah 5.22kWh

Rack Mounted





ESS-RACK-51B100L

EMC UN38.3

| | |
|---------------------------|--|
| Model | ESS-RACK-51B100L |
| Nomial Capacity | 5.22kWh |
| Nomial Voltage | 51.2V |
| Charge Voltage | 57.6V |
| Discharge Voltage Range | 43.2-57.6V |
| Max. Charging Current | 50A |
| Battery Type | LiFePO4 |
| Max. Discharging Current | 70A |
| Max. Output Power | 3584W |
| DOD | 90% |
| Modules Connection | 1-8 in parallel |
| Communication | CAN.RS485 |
| Cycle Life | ≥6000@25°C,0.5C |
| Storage emperature | -20°C~+35°C |
| Working Temp Range | Charge:0°C~+55°C Discharge:-10°C~+55°C |
| Net Weight | 43.8kg/96.6lb |
| Gross Weight | 46.1kg/101.6lb |
| Product Dimension (W*H*D) | 520*150*474mm |
| Package Dimension (W^H*D) | 600*255*525mm |

Einnoovo Solarline-to be
Your Ttrusted Partner!

THANK YOU!



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