



EINNOVA
SOLARLINE

Energy storage product

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, saving installation time and cost.



Safe & Reliable

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



Environment Adaptability

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



Perfect Compatibility

Compatible with most low voltage inverters in the market.



Long Lifespan

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

51.2V 100Ah 5.12kWh

10 years warranty

Power Wall





ESS-Wall-5K



Model	ESS-Wall-5K
Nominal Capacity	5.12kWh
Nominal Voltage	51.2V
Charge Voltage	57.6V
Discharge Voltage Range	45-57V
Max. Charging Current	45A
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-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, 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

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

51.2V 204Ah 10.44kWh

10 years warranty

Power Wall





ESS-Wall-10K



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-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

10 years warranty

48V 52A 2.5kWh/Pack

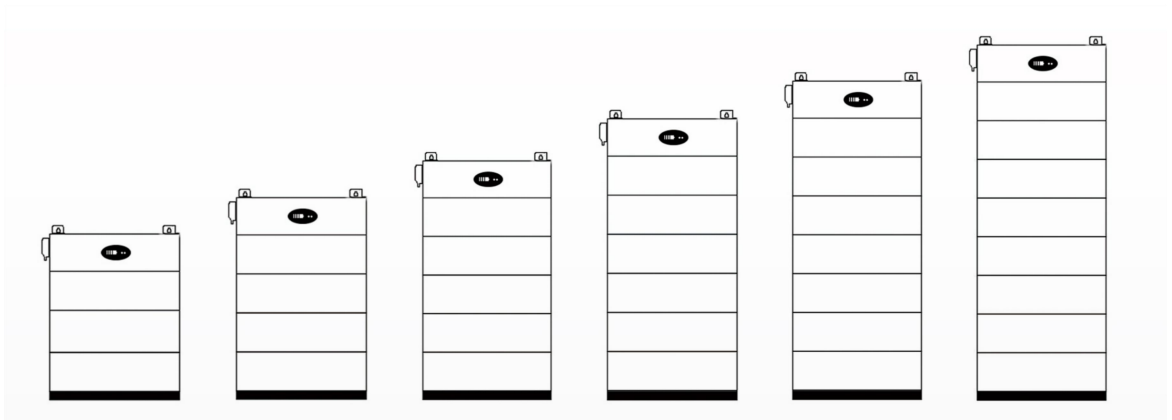




ESS-Ground-HV-2.5K



Capacity:52Ah	Max.Discharge/Charge Current:35A	BatteryType:LiFePO4
Installation:Ground-mounted	Each Pack:23.5kg/220*580*170mm	PDU+Base:14kg/220*606*220mm
Protection Level:IP65	CycleLife:>6000.@25°C,0.5C,90%DOD	Transportation SOC:30%
Working Temperature:Charge:0°C~+55°C	Discharge:-10°C~+55°C	Storage Temperature:-20°C~+35°C



Mode	ESS-GroundHV-7.5K	ESS-GroundHV-10K	ESS-GroundHV-12.5K	ESS-GroundHV-15K	ESS-GroundHV-17.5K	ESS-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
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

ESS-RACK-51B100L

Residential ESS Battery Rack-mounted

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



Expansion Flexibility

5. 22kWh 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

Up to 20 years designed lifespan, more than 6000 cycles (0.5C,25 °C)

51.2V 102Ah 5.22kWh

10 years warranty

Rack Mounted





ESS-RACK-51B100L



Model	ESS-RACK-51B100L
Nominal Capacity	5.22kWh
Nominal 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 Temperature	-20°C~+35°C
Working Temp Range	Charge:0°C~+50°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

Einnova Solarline-to be Your Trusted Partner!

THANK YOU!



Block C,27th Floor,Deji Mansion,No.188
Changjiang Road,Nanjing,China



+86-(0)25-84792033
+86-138-13088384



emma.wu@einnova-solarline.com
www.einnova-solarline.com