

Wall Mounted Lifepo4 Battery

Wall-mounted , convenient and easy installations.



Specifications



Model	Nominal Voltage	Nominal Capacity	Nominal Energy	Cycle Life	Dimensions (L ×W ×H)	Weight lbs. (kg)	Continuous Discharge Current	Peak Discharge Current	Casing Material
SWB48100	51.2V	100 Ah	5.12kwh	6000 times	380x202x648(mm)	50kg	100A	200A (10 S)	Steel

Working Temperature Range	Charge	Discharge	Storage (1 month)	Storage (1 year)
	-4°F~131°F (-20°C ~ 55°C)	-4°F~131°F (-20°C ~ 55°C)	-4°F~131°F (-20°C ~ 55°C)	32°F~95°F (0°C~35°C)

Note: 1. All pictures shown are for reference only and data are based on SI-SWAY standard test procedures.
 2. Actual performance may vary according to local conditions. Only authorized personnel are allowed to operate or make adjustments to the batteries.
 3. We reserve the right to make revisions as well as product alterations and improvements at any time without prior notice.

48V LITHIUM ION BATTERIES PACK

Home Energy Storage System SWI48 is an excellent energy source for 48V applications. It is especially designed for Home due to its extraordinary feature: better charging and discharging performance, longer lifespan, smaller size, and theft-proof design. The energy storage system provides a perfect replacement for Lead Acid Battery.



Heating Functions

Operating temperature ranges from -20°C to 60°C. In cold area with temperature less than 0°C, the battery supports low temperature heating.



Safe

Safe lithium ion phosphate battery cell. Compact size ultralight module.



Expandability

A maximum of 32 batteries can be parallel-connected.



Intelligent management

SI-SWAY is equipped with intelligent BMS for each battery pack to manage modules effectively.



Performance

State-of-the-art LFP cell and reliable BMS design.



Compact Design

27 inch rack, height volume energy density (VED) > 130 Wh/L.

Specifications

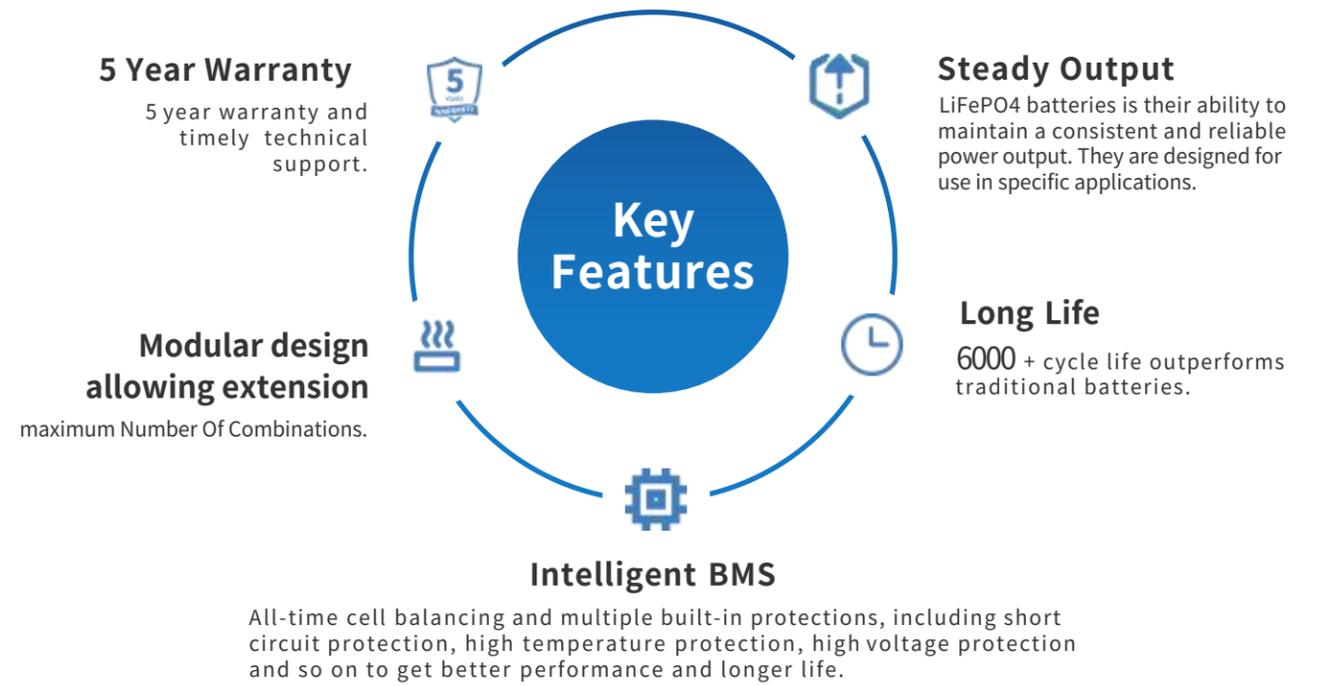


Model	Nominal Voltage	Nominal Capacity	Nominal Energy	Cycle Life	Dimensions (L x W x H)	Weight lbs. (kg)	Continuous Discharge Current	Peak Discharge Current	Casing Material
SWG48100	51.2V	200 Ah	10.24kwh	6000 times	500x320x780(mm)	110kg	200A	400A (10 S)	Steel

Working Temperature Range	Charge	Discharge	Storage (1 month)	Storage (1 year)
	-4°F~131°F (-20°C ~ 55°C)	-4°F~131°F (-20°C ~ 55°C)	-4°F~131°F (-20°C ~ 55°C)	32°F~95°F (0°C~35°C)

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STACKABLE TYPE BATTERY PACK



Specifications



Model	Nominal Voltage	Nominal Capacity	Nominal Energy	Cycle Life	Dimensions (L × W × H)	Weight lbs. (kg)	Continuous Discharge Current	Peak Discharge Current	Casing Material
SWW48100	51.2 V	100 Ah	5.12kwh	6000 times	550 × 550 × 210(mm)	50kg	100A	200A (10 S)	Steel
SWW48400		400 Ah	20.48kwh		550 × 550 × 840(mm)	200kg	400A	600A (10 S)	

Working Temperature Range	Charge	Discharge	Storage (1 month)	Storage (1 year)
	-4°F~131°F (-20°C ~ 55°C)	-4°F~131°F (-20°C ~ 55°C)	-4°F~131°F (-20°C ~ 55°C)	32°F~95°F (0°C~35°C)

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Cabinet Energy Storage System



Maximum 32 Parallel Connections

>6000cycles Reliable Performance

Supports Multiple Inverter Brands

PC Software Monitor by RS485

Smart BMS Communication Protocol

5-10 Years Technical support

Specifications



Model	Nominal Voltage	Nominal Capacity	Nominal Energy	Cycle Life	Dimensions (L × W × H)	Weight lbs. (kg)	Continuous Discharge Current	Peak Discharge Current	Casing Material
SWC48100	51.2V	100 Ah	5.12kwh	6000 times	510x470x155(mm)	45kg	100A	200A (10 S)	Steel
SWC48400		400 Ah	20.48kwh		(cabinetry: 600x600x1606mm)	250kg	400A	600A (10 S)	

Working Temperature Range	Charge -4°F~131°F (-20°C ~ 55°C)	Discharge -4°F~131°F (-20°C ~ 55°C)	Storage (1 month) -4°F~131°F (-20°C ~ 55°C)	Storage (1 year) 32°F~95°F (0°C~35°C)
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Lithium Ion Battery for Industrial Battery Pack



Maximum 32 Parallel Connections

>6000cycles Reliable Performance

Supports Multiple Inverter Brands

PC Software Monitor by RS485

Smart BMS Communication Protocol

5-10 Years Technical support

Specifications



Model	Nominal Voltage	Nominal Capacity	Nominal Energy	Cycle Life	Dimensions (L × W × H)	Weight lbs. (kg)	Continuous Discharge Current	Peak Discharge Current	Casing Material
SW134690	134.4V	690 Ah	92.736kwh	6000 times	726x500x2243(mm)	850kg	500A	600A(10S)	Steel

Working Temperature Range	Charge -4°F~131°F (-20°C ~ 55°C)	Discharge -4°F~131°F (-20°C ~ 55°C)	Storage (1 month) -4°F~131°F (-20°C ~ 55°C)	Storage (1 year) 32°F~95°F (0°C~35°C)
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12V LiFePO4 Batteries



5 Year Warranty

5 year warranty and timely technical support.

Modular design allowing extension

maximum Number Of Combinations.



Steady Output

LiFePO4 batteries is their ability to maintain a consistent and reliable power output. They are designed for use in specific applications.

Long Life

6000 + cycle life outperforms traditional batteries.

Intelligent BMS

All-time cell balancing and multiple built-in protections, including short circuit protection, high temperature protection, high voltage protection and so on to get better performance and longer life.

Specifications



Model	Nominal Voltage	Nominal Capacity	Nominal Energy	Cycle Life	Dimensions (L × W × H)	Weight lbs. (kg)	Maximum charge current	Maximum discharge current	Casing Material
SW128-50	12.8 V	50 Ah	0.64kwh	6000 times	195x165x175(mm)	6.8kg	50A	100A	ABS
SW128-100		100 Ah	1.28kwh		329x172x220(mm)	13kg	100A	200A	
SW128-150		150 Ah	1.92kwh		482x170x240(mm)	18kg	150A	250A	
SW128-200		200 Ah	2.56kwh		522x240x244(mm)	25.6kg	200A	350A	
SW128-300		300 Ah	3.84kwh		522x269x249(mm)	31kg	300A	450A	

Working Temperature Range

Charge
-4°F~131°F (-20°C ~ 55°C)

Discharge
-4°F~131°F (-20°C ~ 55°C)

Storage (1 month)
-4°F~131°F (-20°C ~ 55°C)

Storage (1 year)
32°F~95°F (0°C~35°C)

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