

# SL5.12-10.24LB

## Low Voltage Battery System



### User Friendly

- Get started quickly and use it instantly;
- Min. width of just 20cm, saving space in the home;



### Easy to Install

- Supports wall or floor mounting;
- Plug-and-play, Wiring can be done from either side;
- Easy to upscale, Up to 10 in parallel connection;



### Safety

- High quality lithium iron phosphate cells;
- Proven Li-ion battery management solutions;

Model	SL5.12LB	SL10.24LB
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### Electrical Parameter

Battery Type	LiFePO4	
Battery Capacity per Kit	5.12 kWh	10.24 kWh
Usable Energy	4.6 kWh	9.2 kWh
Rated Voltage	51.2 V	
Voltage range	44.8V-57.6V	
Max. Charging and DischargingRate	100 A	200 A
Depth Of Discharge [DOD]	≤90%	
Cycle Life (25 °C, 0.5C)	≥6000 times, 80% Capacity retention	
Scalability	Yes	

### General Data

Communication Mode	RS485/CAN2.0	
Operating Temperature Range	0-50 °C (Charge) / -10-50 °C (Discharge)	
Storage Temperature Range	-15°C-60°C	
Cooling Method	Natural Convection	
Altitude	< 1000 m	
Ambient Humidity	20 % - 95 % (non-condensing)	
Noise[dBA]	< 25 dB	
Ingress Protection	IP20	
Dimensions [W*H*D]	550*550*167 mm	560*750*191 mm
Weight	50 kg	88kg
Installation Methods	Floor Standing,Wall Mounted,Rack Mounted (SL5.12LB)	Floor Standing

