

# Residential Energy Storage Battery (Low Voltage & Stackable)

SOL-5L-B



**High Efficiency**

Max. efficiency 94%



**Easy installation**

50 Kg Battery modules



**Safe and Reliable**

Lithium iron phosphate  
battery cells



**Perfect Compatibility**

Work with leading branded inverters

## Product Information



Scalable from 5 kWh to 60 kWh



Compatible with a variety of mainstream inverter



Maximum Flexibility for any Applications with up to 12  
Modules Connected in Parallel



LFP battery, safest and long cycle life



Stackable design, effortlessly installation



Capable of High-Powered Emergency-Backup  
and Off-Grid Function

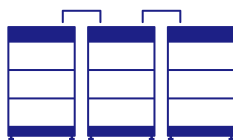
## Battery Module

- 5.12 kWh per Module
- Modular and Stack Installation Design to simplify the maintenance
- Connect up to 12 module in parallel for a maximum size of 60 kWh

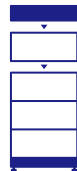
## Flexible, Efficient, Simple



**Plug Connection**  
No Additional Wiring Required



**5-60KWH**  
Tailored Sizing for Each Application



**Extend Anytime**  
Easily Adapts to New Requirements



**High Power**  
Power for Every Application

## Technical Parameters

Battery Model	SOL-5L-B	
Combination Method	16S1P	
Rated Capacity	Typical	100Ah
	Minimum	98Ah
Nominal Voltage	51.2V	
Discharge Cut-off Voltage	43.2V	
Maximum Charge Voltage	57.6V	
Impedance(single battery pack)	≤20mΩ	
Maximum Continuous Charge Current	100A	
Maximum Continuous Discharge Current	100A	
Operation Temperature Range	Charge:0~50℃/ Discharge: -10~50℃	
Storage Temperature Range	-20~+60℃,Recommend: ≤60±25%RH storage humidity	
Single Battery Pack Dimension/Weight	680*429*215mm /50Kg±1Kg	
System Dimension/Weight	680*429*320mm /65Kg±1Kg	
Compatible Inverters	PYLON, Sacolar, Growatt, Sofar, Voltronic, LUX, Schneider, Afore, Sinexcel, Sorotec, GoodWe, KSTAR, Srne, Must, Megarevo, Sol-Ark, INVT, Aiswei, TBB, SAKO, Solis, Victron, SMK, BlueSun	

\*This list only indicates that our battery is compatible with these inverter brands, which does not imply that they have been officially approved by the inverter manufacturers.