

General information:

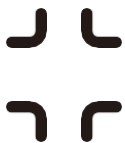
The Setsolar Lithium-Ion battery covers a variety of application scenarios, including residential, backup power supply and many more, users can extend the system capacity by adding more battery modules to achieve a longer range of performance.

Given the credit to the Setsolar BMS, users can scale the battery configuration up to 15 pcs in parallel to meet the use requirement, support power configuration from 5.04kWh to 75.6kWh.

Powered by LiFePO4 battery technology, the Setsolar Lithium-Ion battery delivers a secured, sustained and powerful energy supply, keeping critical appliances in charge, guarding your power consumption with ideal performance.

Features:

- Scalable from 5.04kWh to 75.6kWh power configuration
- Modular design allows convenient installation, more operation
- Safest LiFePO4 technology, sustained power supply
- 6000 cycle life
- Pre charge capacitor SH 94mF XA 150mF
- Tier 1, grade A new automotive cells
- 160A single terminal current load, dual terminal option
- RS485, CAN communication support
- Compatible with mainstream brand inverters



Small Form Factor
Sparing Floor Space



Powerful Energy
Supply Trusted &
Sustained



Easy to Install
Easy to Transport



Parallel System 5.04kWh ~
75.6kWh Capacity

Jul-23

Technical Parameters

Battery Module Model	U48100
Cel Technology	LiFePO4
Battery Module Voltage (Vdc)	48
Battery Module Capacity (Ah)	105
Battery Module Capacity (kWh)	5.04
Communication	CAN or RS485
Cycle Life (Cycles)	6000
Battery Module Charge Upper-Voltage (Vdc)	50-54
Battery Module Discharge Lower-Voltage (Vdc)	40.5-47.5
Max Charge/Discharge Current (Amps)	100
Configuration (Modules per group)	Up to 6pcs

Mechanical Parameters

Dimension (mm)	442*450*145
Weight (kg)	44
Protection Class	IP20
Cooling Type	Natural Cooling
Charge Temperature Range (°C)	0 ~ 50
Discharge Temperature Range (°C)	-10 ~ 50
Humidity	5% ~ 85% (without condensation)
Certificate	CE, UN38.3
Warranty	8 years (BMS 5 years)
Get an extra 2 years warranty if Setsolar install (Total 10 years, BMS 5 years)	

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