

Wattsonic Li-LV Battery Series

5kWh Wall Mounted/Free Stand LiFePO4 Battery Module



Wattsonic Li-LV Battery offers an option if you are looking for batteries to match your system. Approved by world leading inverters makes sure your batteries work well as soon as you plug them in without any more operations. Comprehensive battery design and considering protection function makes sure our battery can have a perfect performance while a long lifetime.

- ||| Maximum 5 models can be paralleled to realize maximum 25kWh capacity
- Master-Slave address can be auto-set based on inner BMS
- 🛡️ 10000 cycles at 90% DOD/10 years standard warranty
- ☔ IP65 protection & Low voltage safety connection guarantee ultra safety
- 🔋 Superior LiFePO4 safety performance

Choose your superpower.



Module level
auto-balancing



Battery
auto-force charge



1C/1C continual
charge and discharge



Battery Auto-sleep & wake-up
upon inverter command





5kWh Wall Mounted/Free Stand LiFePO4 Battery Module

Total Energy [kWh]	5.0
Useable Energy [kWh]	4.5
Nominal Voltage [V]	51.2
Nominal Capacity [Ah]	100
Operating Voltage Range [V]	40~58.4
Nominal Charge Current [A]	100
Nominal Discharge Current [A]	100
Peak Discharge Current [A]	110
Calendar Life [Year]	20 years @25°C, 15 years @35°C, 10 years @45°C
Depth of Discharge [%]	90
Data Communication	CAN/RS485
Temperature	0-45°C Charge, -20~55°C Discharge, -10~45°C Stock Storage
Enclosure Protection Rating	IP 65
DC Isolator	Integrated
Certificate	IEC60950/ IEC60068/ CE
Scalability Range/Mode	Max. 5 Modules Parallel
Installation Mode	Wall Mounted/free stand
Dimensions [W*H*D]	386.40*737*150.30mm
Weight	62KG
Warranty	10,000 cycles at 90% DOD, or 10 years(optional 6000 cycles)

* Compatible inverter brands: Wattsonic/ SMA SunnyIsland/ Victron/ Imeon/ Voltronic/ SolaX/ GoodWe/ SofarSolar/ Solis/ Studer.

* Wattsonic reserves the right to modify the technical datasheet and appearance of the product in the catalogue without prior advice to the users.



Battery Auto-sleep and wake-up upon inverter command



Master-Slave Address Auto-set



Maximum 5 modules parallel



Plug in and Play

Needs Focus

- Leading life-span(recycles)
- Flexible scalability extension
- Leading warranty protection
- Compatible with most inverter brands
- Low maintenance cost
- Smooth and fine appearance for residential market



Module level
Auto-balancing

New
Thermal heater function

