

Wattsonic Li-LV Battery Series

5kWh Wall Mounted/ Free Stand LiFePO4 Battery Module



Maximum 25kWh capacity



10,000 cycles at 90% DOD/
10 years standard warranty



Multi-protection from a
self-developed BMS



Optimal Electricity Cost



Compatible with the world's
leading inverter brands





Delivering backup protection from day to night



Quick & Easy Installation. Wattsonic utilizes an all-in-one, plug-and-play design and comprehensive parallel kit prep for a user-friendly installation.



Hassle-free O&M. Free from complicated system commissioning, and control for both the Inverter& BMS. Wattsonic cloud support remote monitoring and update with a single click. Make everything a breeze.

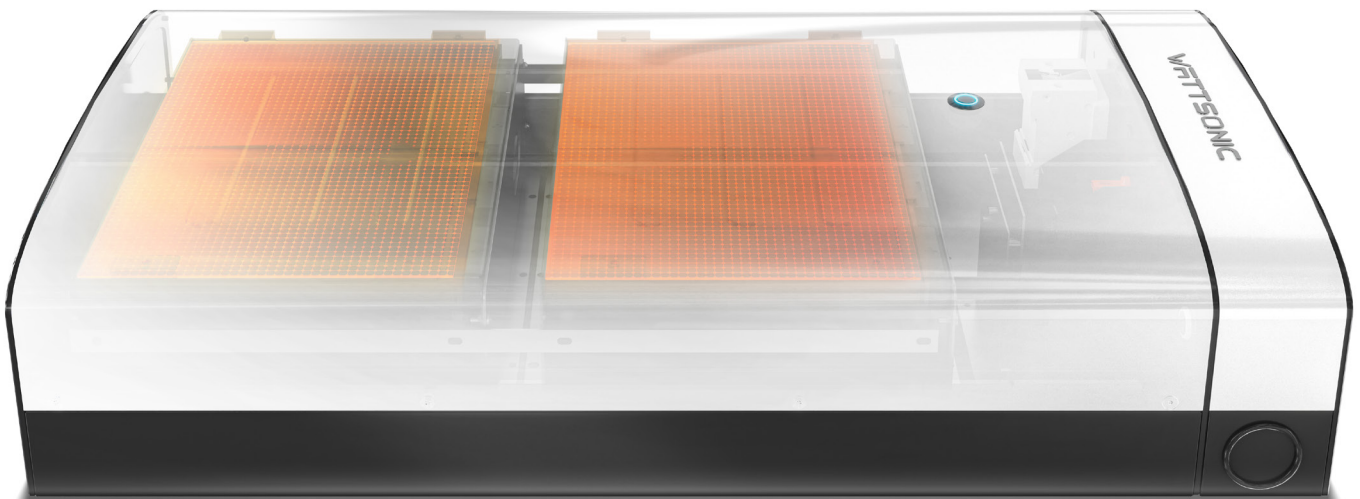


Multi-protection from all aspects. Superior LiFePO4 safety performance, low voltage safety connections, and IP65 protection guarantee that it is safe for your family and the environment.

Acclimatization to extremely cold weather

Thermal heater function

The new heater component between the cells will automatically heat up properly to ensure high-efficiency battery operation in a cold environment. The internal inspection mechanism before open the heater function and the protection control algorithms when heating together ensure efficient and safe operation of the battery.



Make everything a breeze

Automation

The new heater component between the cells will automatically heat up correctly to ensure high-efficiency battery operation in a cold environment. The internal inspection mechanism before activating the heater module and the protection control algorithms when heating together ensure efficient and safe operation.

Auto-set Master Slave Address

Auto-match Inverter Protocol

Auto-force Charge of Battery

Auto-sleep & wake-up upon Inverter Command

Auto-balancing in Module Level

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
Calender Life [Year]	20 years @25 C, 15 years @35 C, 10 years @45 C
Depth of Discharge [%]	90
Data Communication	CAN/RS485
Temperature	0~55 C Charge, -20~60 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.

Compatible

with the world's leading inverter brands

SMA Wattsonic Victron Energy
Sofar Solar Solax Voltronic Power
GoodWe Studer Solis Imeon Energy

