

Wattsonic Li-LV Battery Series

5kWh Wall Mounted/Free Stand LiFePO4 Battery Module

- |||| 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



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 perfectly performance while a long life time.

Choose your superpower.



Module level
auto-balancing



Battery
Auto-force charge



1C/1C continual
charge and discharge



All in one,
Plug and play



Inverter Protocol
Auto-match



Battery Auto-sleep & wake-up
upon inverter command

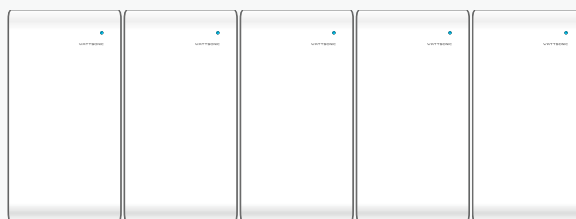


5kWh Wall Mounted/Free Stand LiFePO4 Battery Module



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

Battery quantity configuration



	1 Battery	2 Batteries	3 Batteries	4 Batteries	5 Batteries
Battery Capacity	5 kWh	10 kWh	15 kWh	20 kWh	25 kWh
DOD Recommended	90%	90%	90%	90%	90%
Dimension [W*H*D mm]	386*737*150mm	773*737*150mm	1159*737*150mm	1546*737*150mm	1932*737*150mm
Weight	62 KG	124 KG	186 KG	248 KG	310 KG
Ingress Protection	IP65	IP65	IP65	IP65	IP65

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

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