

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

Choose your superpower.



Module level
auto-balancing



Battery
Auto-force charge



1C/1C continual
charge and discharge



Remote firmware
updates



All in one,
Plug and play



Inverter Protocol
Auto-match



Battery Auto-sleep&
wake-up upon inverter
command



New thermal heater function
ensures efficient operation
in cold environment

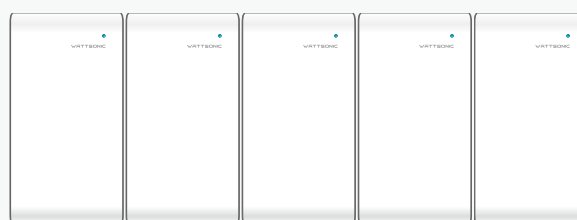


5kWh Wall Mounted/Free Stand LiFePO4 Battery Module



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)

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 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.