

Wattsonic Li-LV Battery Series

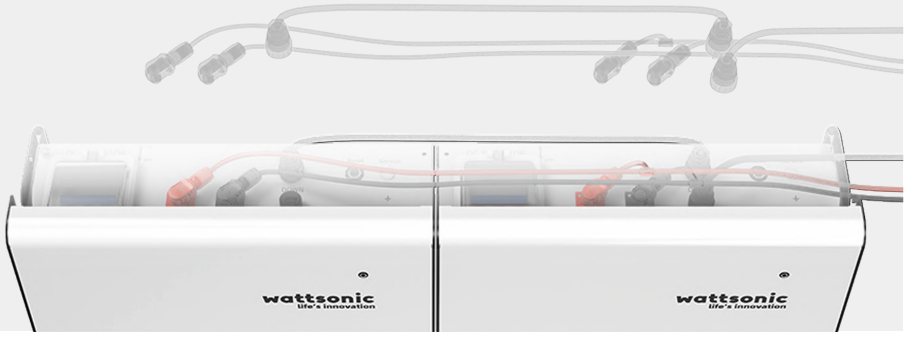
2.5kWh/5kWh Wall Mounted/Free Stand LiFePO4 Battery Module

- DOD 90% — 10000 cycles at 90% DOD
- 1C/1C — 1C/1C continual charge and discharge
- 10 years — 10 years standard warranty
- Superior LiFePO4 safety performance
- Low voltage safety connection
- Ip65 protection



wattsonic
life's innovation

Plug in and Play





Auto

Inverter Protocol
Auto-match

IMEON ENERGY
GOODWE
SOLAX
SMA
wattsonic
Voltronic Power
solis
SOFAR SOLAR
STUDER
victron energy

Battery Auto-sleep
andwake-up upon
inverter command

MAX 5
Adress Auto-match

Maximum 5 modules parallel &
Master-Slave Address Auto-set



Auto balancing

Module level
auto-balancing

Auto-force charge

Battery
Auto-force charge

2.5/5 kWh Free Stand LiFePO4 Battery Module

Total Energy [kWh]	2.5	5.0
Useable Energy [kWh]	2.25	4.5
Nominal Voltage [V]	51.2	51.2
Nominal Capacity [Ah]	50	100
Operating Voltage Range [V]	40~58.4	40~58.4
Nominal Charge Current [A]	50	100
Nominal Discharge Current [A]	50	100
Peak Discharge Current [A]	60	110
Calender Life [Year]	20 years @25℃, 15 years @35℃, 10 years @45℃	
Depth of Discharge [%]	90	90
Data Communication	CAN/RS485	CAN/RS485
	0-45℃ Charge, -20~55℃ Discharge,	
Temperature	-10~45℃ Stock Storage	
Enclosure Protection Rating	IP 65	IP 65
DC Isolator	Integrated	Integrated
Certificate	UI1642/ UI1973/ IEC62619	/ IEC60950/ IEC60068/ CE
Scalability Range/Mode	Max. 5 Modules Parallel	Max. 5 Modules Parallel
Installation Mode	Free Stand	Free Stand
Dimensions [W*H*D]	152.6*483*339mm	308*471*278mm
Weight	30KG	60KG
Warranty	10,000 cycles at 90% DOD, or 10 years(optional 6000 cycles)	

2.5/5 kWh Wall Mounted LiFePO4 Battery Module

Total Energy [kWh]	2.5	5.0
Useable Energy [kWh]	2.25	4.5
Nominal Voltage [V]	51.2	51.2
Nominal Capacity [Ah]	50	100
Operating Voltage Range [V]	40~58.4	40~58.4
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Enclosure Protection Rating	IP 65	IP 65
DC Isolator	Integrated	Integrated
Certificate	UI1642/ UI1973/ IEC62619	/ IEC60950/ IEC60068/ CE
Scalability Range/Mode	Max. 5 Modules Parallel	Max. 5 Modules Parallel
Installation Mode	Wall Mounted	Wall Mounted
Dimensions [W*H*D]	414*470*185mm	414*750*185mm
Weight	30KG	60KG
Warranty	10,000 cycles at 90% DOD, or 10 years(optional 6000 cycles)	

* Compatible inverter brands: Wattsonic/ SMA Sunnylsland/ 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

