



WATTSONIC



Wattsonic Li-LV Battery Series

2.5kWh/5.0kWh Wall Mounted LiFePO4 Battery Module



10000 cycles
at 90% DOD



1C/1C continual
charge and discharge



10 years
standard warranty



Superior LiFePO4
safety performance



Low voltage
safety connection



IP65
protection





WATTSONIC



Plug in and Play

IMEON ENERGY



GOODWE
YOUR SOLAR ENGINE

X SOLAR

SMA



WATTSONIC

Volttronic Power

solis

Inverter Protocol Auto-match

SOFAR
SOLAR

STUDER

victron energy



**Battery Auto-sleep and wake-up
upon inverter command**



**Module level
auto-balancing**



**Battery
Auto-force charge**



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

2.5/5.0 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
Calendar Life [Year]	20 years @25°C, 15 years @35°C, 10 years @45°C	
Depth of Discharge [%]	90	90
Data Communication	CAN/RS485	CAN/RS485
	0-45°C Charge, -20~55°C Discharge,	
Temperature	-10~45°C 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
User Interface	LED Light as standard, optional LCD display	
Dimensions [W*H*D]	152.6*483*339mm	308*471*278mm
Weight	30KG	60KG
Warranty	10,000 cycles at 90% DOD, or 10 years	

2.5/5.0 kWh Wall Mounted LiFePO4 Battery Module

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Certificate	UI1642/ UI1973/ IEC62619/ IEC60950/ IEC60068/ CE	
Scalability Range/Mode	Max. 5 Modules Parallel	Max. 5 Modules Parallel
User Interface	LED light as standard, optional LCD display	
Dimensions [W*H*D]	414*470*185mm	414*750*185mm
Weight	30KG	60KG
Warranty	10,000 cycles at 90% DOD, or 10 years	

* 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