



# INNOVATION MAKE IT HAPPEN

Li-LV-2.5kwh/5.0kwh LiFePO4

» Typical Installation



» Wattsonic parallel DC BUS cables kits based on Amphenol original Connectors, plug in and play



### 2.5KWH 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°C, 15 years @35°C, 10 years @45°C	
Depth of Discharge [%]	90	90
Data Communication	CAN/RS485	CAN/RS485
Temperature	0-45°C Charge, -20~55°C Discharge, -10~45°C Stock Storage	
Enclosure Protection Rating	IP 65	IP 65
DC Isolator	Integrated	Integrated
Certificate	UL1642/ UL1973/ 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)	

### 2.5KWH/5KWH 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
Nominal Charge Current [A]	50	100
Nominal Discharge Current [A]	50	100
Peak Discharge Current [A]	60	110
Calender 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
Temperature	0-45 C Charge, -20~55°C Discharge, -10~45°C Stock Storage	
Enclosure Protection Rating	IP 65	IP 65
DC Isolator	Integrated	Integrated
Certificate	UL1642/ UL1973/ 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 SunnyIsland/ Victron/ Imeon/ Voltronic/ SolaX/ GoodWe/ SofarSolar/ Solis/ Studer