

Li-LV Battery Series

2.5kWh/5kWh Wall Mounted/Free Stand 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

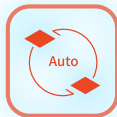
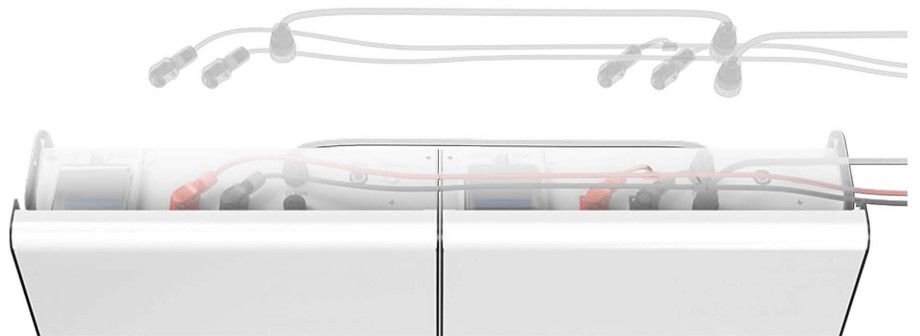


IP65
protection





Plug in and Play



Inverter Protocol
Auto-match



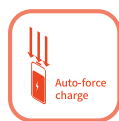
Battery Auto-sleep
and wake-up upon
inverter command



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



Module level
auto-balancing



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
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
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
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 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
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: Stromherz/ SMA SunnyIsland/ Victron/ Imeon/ Voltronic/ SolaX/ GoodWe/ SofarSolar/ Solis/ Studer

*Stromherz reserves the right to modify the technical datasheet and appearance of the product in the cataloge without prior advice to the users

