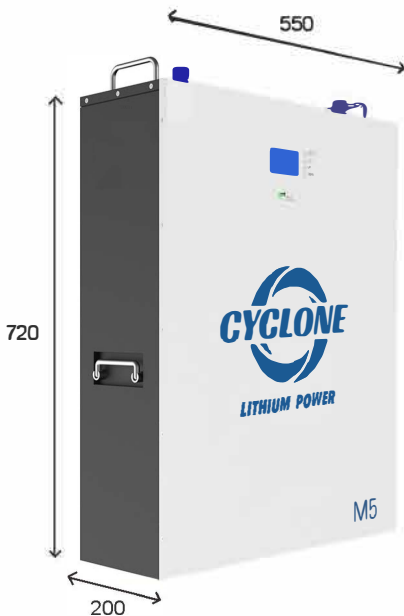


**CERTIFIED**  
**UL1973**  
**IEC62619,CE**  
**UN38.3,MSDS**



### ✓ Long life and safety

Vertical industry integration ensures more than 6500 cycles with 80% DoD.  
Safe Lithium iron phosphate battery cell.

### ✓ Intelligent

Each battery with independent BMS system manages power output smartly and effectively.

### ✓ Modularization

Modular design gives the end customers the power of choice of capacity Deliver up to 81.92KW with single max module (5.12KWh) at 16pcs parallel connection.

### ✓ Easy to install and use

Just plug and play to minimize the installation time and cost.  
Compact and fashionable design fits in your sweet home environment.

### ✓ Compatibility

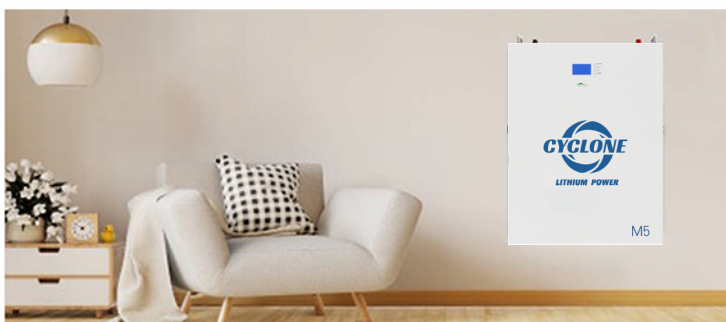
Compatible with most of the available Hybrid inverters.

### ✓ Safety Cert

UL1973, IEC62619, CE, UN38.3, MSDS.

## Battery Specifications

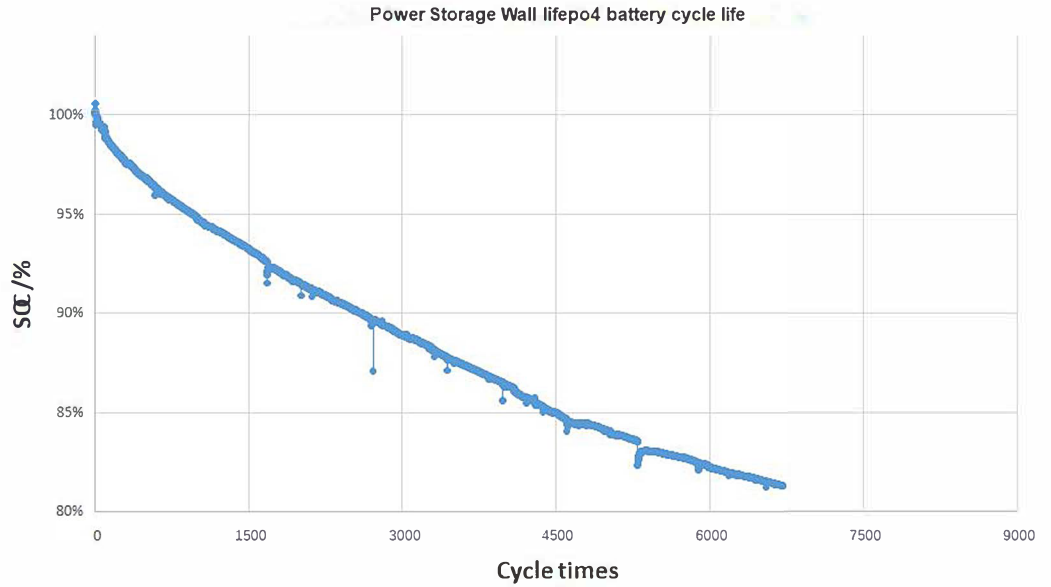
Model No	M5
<b>Nominal Parameters</b>	
Voltage	51.2V
Capacity	100Ah
Energy	5.12KwH
Dimensions (L x W x H)	720 x550 x200mm
Weight	60.5kg
<b>Basic Parameters</b>	
Life time(25°C)	15 years
Life cycles(80% DOD, 25°C)	6500Cycles
Storage time / temperature	5 months @ 25°C; 3 months @ 35°C; 1 month @ 45°C
Operation temperature	-20°C to 60°C @60+/-25% Relative Humidity
Storage temperature	0°C to 45°C @60+/-25% Relative Humidity
Lithium Battery Standard	UL1642,IEC62619,UN38.3,ROHS,CE-EMC
Enclosure protection rating	IP50
<b>Electrical Parameters</b>	
Operation voltage	46-56 Vdc
Max.charging voltage	56 Vdc
Max.charging and discharging current	100A (1C)
Max Power	5120W





LITHIUM POWER

LiFePO4 battery with 6500+ cycles



Match Hybrid Inverters



DEYE



SCHEIDER



SUN SYNK



GOODWE



VICTRON ENERGY



LUX POWER



GROWATT



SOLIS/GINLONG

