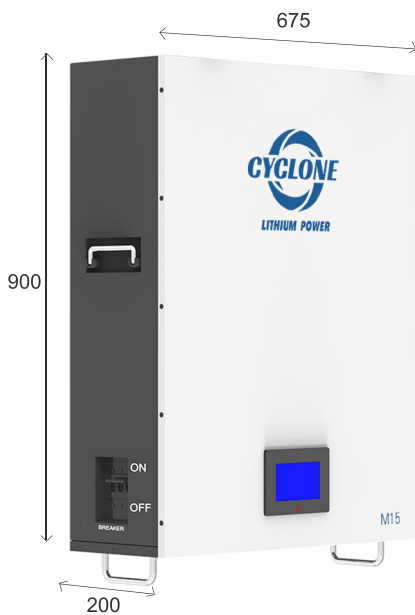




CERTIFIED
UL9540A,UL1973
IEC62619,CE
UN38.3,MSDS



As the leading vertically integrated manufacturer of lithium iron phosphate battery systems, **Y and R Solar (pty) Ltd** has provided various battery solutions for nearly all kinds of ESS applications. Thanks to our self-developed core technology in cells/BMS/system design, **Y and R Solar (pty) Ltd** has delivered more than 138+ countries serving 100,000+ users.

www.solarwaysuppliers.co.za

✓ Long life and safety

Vertical industry integration ensures more than 8500 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 229KW with single max module (14.34KWh) 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

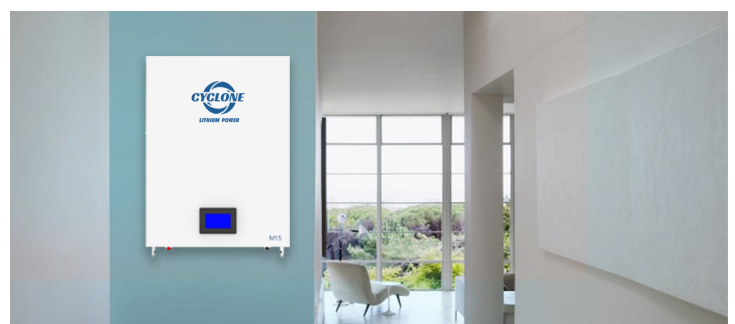
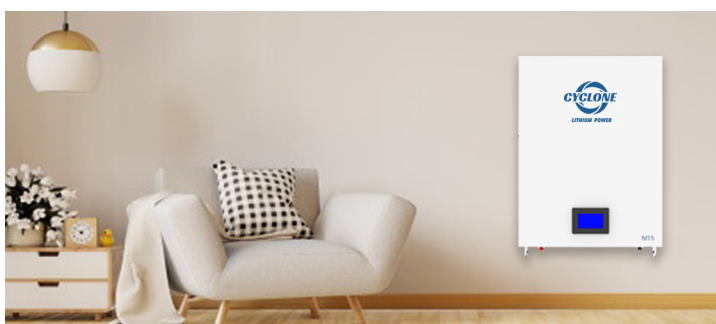
Compatible with most of the available Hybrid inverters.

✓ Safety Cert

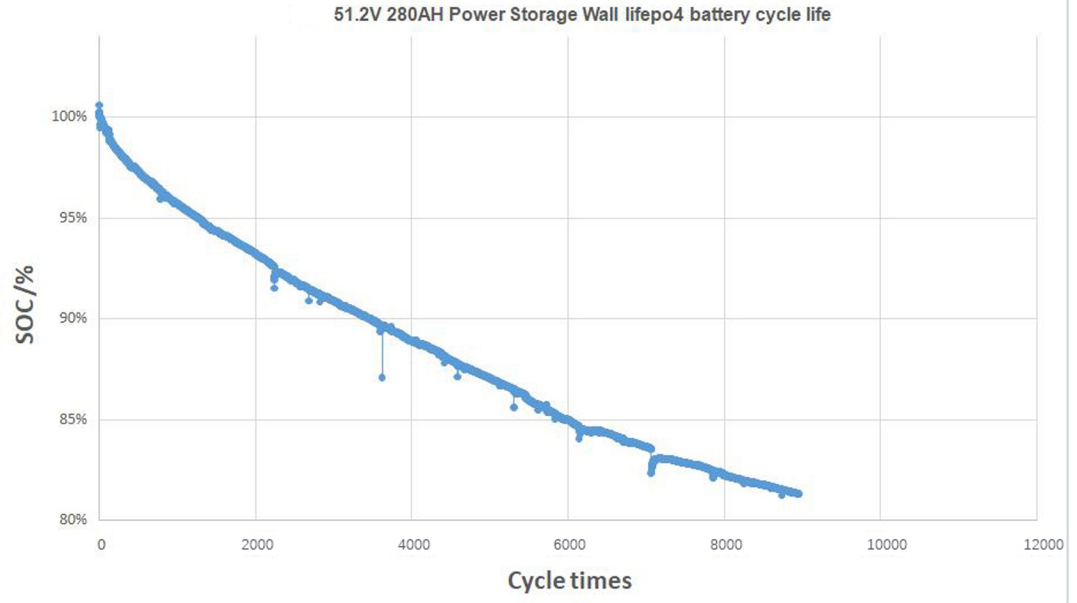
UL9540A, UL1973, IEC62619, CE, UN38.3, MSDS.

Battery Specifications

| | |
|--------------------------------------|--|
| Model No | M15 |
| Nominal Parameters | |
| Voltage | 51.2V |
| Capacity | 280Ah |
| Energy | 14.34 KwH |
| Dimensions (L x W x H) | 900 x675 x200mm |
| Weight | 128.5kg |
| Basic Parameters | |
| Life time(25°C) | 15 years |
| Life cycles(80% DOD, 25°C) | 8500 Times |
| 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 | UL9540A,UL1973,IEC62619,UN38.3,ROHS,CE-EMC |
| Enclosure protection rating | IP50 |
| Electrical Parameters | |
| Operation voltage | 46-56 Vdc |
| Max.charging voltage | 56 Vdc |
| Max.charging and discharging current | 150A |
| Max Power | 7680W |



LiFePO4 battery with 8500+ cycles



Match Hybrid Inverters



DEYE



SCHEIDER



SMA



GOODWE



VICTRON ENERGY



LUX POWER



GROWATT



SOLIS/GINLONG

