

SUPERLED BY EMC



✓ Long life and safety

Vertical industry integration ensures more than 6000 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

✓ 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

UL1642, IEC62619, CE, UN38.3, MSDS.

SUPERLED BY EMC

Battery Specifications

Model No	48v100ah
Nominal Parameters	
Voltage	48V
Capacity	100Ah
Energy	4.8KwH
Dimensions (L x W x H)	720 x550 x200mm
Weight	48kg
Basic Parameters	
Life time(25°C)	15 years
Life cycles(80% DOD, 25°C)	6000Cycles
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	IP21
Electrical Parameters	
Operation voltage	46-55 Vdc
Max.charging voltage	55 Vdc
Max.charging and discharging current	100A
Display	LCD

