



Luminey MonaWall Batteries

Model: SE5

Cleaner Power, Reliable Benefits
Lighter Weight, Faster Installation



Built-in Wifi
Monitor Remotely
Via APP



1C Discharge
Designed for optimal and
efficient power delivery



**IP65 Water and
Dust Resistant**
Built to perform in any weather



DOD 100%
Enables full energy utilization
for maximum efficiency



6000 Life Cycles
Ensures durability for
years of reliable use

Specifications

Model	MonaWall-SE5
Nominal Energy	5kWh
Usable Energy (100% DOD)	5kWh
Rated Voltage	51.2V
Charge/Discharge Cut Off Voltage	44.8V~55.2V
Roundtrip Efficiency	>98%
Rated Charge/Discharge Current	50A/50A
Max. Continuous Charge/Discharge Current	100A/100A
Communication Interface	CAN 2.0/RS 485
Scalability	Max. 16 in parallel, Max. 80 kWh
Wifi	Built-in
Compatible Inverters	Please refer to the Inverter compatibility list

1 Life Cycles = 6000 cycles	6 Warranty = 7 years*
2 Rated charge/Discharge: 0.5C/0.5C	7 Battery type = LiFePO4
3 Max. Cont. Charge/Discharge = 1C/1C	8 Anti Expansion Design
4 DOD = 100%	9 Built in Heater
5 Installation = Wall Mount	10 Quick Plug and un Plug DC terminal

Operation Conditions

Installation location	Outdoor or Indoor
Operating Temperature	Discharging: 4°F to 122°F (-20°C to 50°C) Charging: 14°F to 122°F (-10°C to 50°C)
Humidity	10% to 95%, non-condensation
Dimensions (W*H*D, mm)	544*524*162
Weight	55kg
Enclosure Protection Rating	IP65
Altitude	<4000m
Cooling	Natural convection
Waranty	7 years*
Certifications	IEC62619/CE/UN38.3

*Warranty 6+1 years (+1 year warranty is extended upon the installation of Battery Wi-Fi Module and connected to the Internet)

