



Luminey MonaWall SE5

LFP Battery IP-65



Built-in Wifi
Monitor Remotely Via APP



IP65 Water and Dust Resistant
Built to perform in any weather



1C Discharge
Designed for optimal and
efficient power delivery



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
	Rate Voltage	51.2V
	Charge/Discharge Cut Off Voltage	44.8V~55.2V
	Roundtrip Efficiency	>98%
	Rated Charge/Discharge Current	50A/80A
	Max. Continuous Charge/ Discharge Current	100A/100A
	Peak Discharge Current	200A @ 15s
	Communication Interface	CAN 2.0/RS 485
	Scalability	Max. 16 in Parallel, Max. 80 kWh
	Wi-Fi	Built-in
	Compatible Inverters	Please Refer to the Inverter Compatibility List
	1 Life Cycles	6000 Cycles
	2 Rated Charge/Discharge	0.5C/0.8C
	3 Max. Cont. Charge/Discharge	1C/1C
	4 DOD	100%
	5 Installation	Wall Mount
	6 Warranty	7 years*
	7 Battery Type	LiFePO4
	8 Anti Expansion Design	✓
	9 Built-in Heater	✓
	10 Quick Plug and Unplug 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)
Storage Temperature	Charging: 14°F to 122°F (-10°C to 50°C)
Humidity	10% to 95%, Non-condensation
Dimensions (W*H*D, mm)	544*533*162mm
Weight	53kg
Enclosure Protection Rating	IP65
Altitude	< 4000M
Cooling	Natural Convection
Warranty	7 years*
Certifications	IEC62619/CE/CEI 0-21/UN38.3

*Charge/discharge deration occurs when the operating temperature from -10°C to 50°C.

*Warranty 6+1 years (+1 year battery is extended upon connection to the internet)

