

Light weight Low Voltage Battery 5kWh

Low Voltage Wall Mounted Battery



Models:
ZL-WM2-5.0



Safety

- LFP safe technology
- High quality Battery cell inside



Compatibility&Reliable

- Compatible with most inverters
- Better Inner Structure Design



Intelligent

- Each Battery with Independent BMS
- Power output smartly and effectively

Technical Datasheet

System Data	Cell type	LiFePO4	
	Battery module	ZL-WM2-5.0/1	ZL-WM2-5.0/2
	Max Power	5.12kw	
	Nominal capacity	200Ah	
	Nominal battery voltage	25.6 V	51.2 V
	Battery voltage range	22.4 V - 28.8 V	44.8 V - 57.6 V
	Max. charging / discharging current	100 A	
	Max. charging / discharging Energy	5.12 kwh	
General Data	Dimensions(W/D/H)	550 / 150 / 470 mm	
	Life cycles(80% DOD, 25°C)	6000 Cycles	
	Weight	~48kg	
	Installation location	indoor / outdoor	
	Mounting method	Wall Mount	
	Operating temperature range	Charge: 0°C ~ 55°C Discharge: -20°C ~ 55°C	
	Storage temperature range	-20°C ~ 55°C	
	Cooling concept	Natural convection	
	Degree of protection	IP56	
	Relative humidity	5~95%, non-condensing	
	Max. operating altitude	3000m	
	Scalability	Max.8 sets in parallel	
	Communication	CAN	
	Certification	CE/UN38.3/MSDS/UL1642(Cell)/IEC62619 (cell)	
Life time@25	10 Years		

Version: Jun 2023