

RW-L2.5



- **Safer**
Cobalt Free Lithium Iron Phosphate (LFP) Battery, safety and long lifespan, high efficiency and high-energy density.
- **Reliable**
Intelligent BMS, providing complete protection. Natural cooling, IP23, wide temperature range: -20°C to 55°C.
- **Flexible**
Modular design, easy to expand, Max. 32 units in parallel, Max. capacity of 82kWh. Suited to residential and commercial applications for increasing the self-consumption ratio.
- **Convenient**
Battery module auto networking, easy maintenance, support remotely monitoring and upgrade, support USB drive upgrade the firmware.
- **Eco-Friendly**
Use environmental protection materials, the whole module non-toxic, pollution-free.
- **Wall-Mounted**
Flat design, wall-mounted, saving installation space.

Technical Data

Model		RW-L2.5
Main Parameter		
Battery Chemistry	LiFePO ₄	
Capacity (Ah)	100	
Scalability	Max.32 pcs in Parallel(82kWh)	
Nominal Voltage (V)	25.6	
Operating Voltage(V)	21.6 ~ 28.8	
Energy (kWh)	2.56	
Usable Energy (kWh) ^[1]	2.30	
Charge/Discharge Current (A)	Recommend ^[2]	30
	Max. ^[2]	80
	Peak	100 (10mins,25°C)
Other Parameter		
Recommend Depth of Discharge	90%	
Dimension (W/H/D, mm)	380*450*215(without Hanging Board)	
Weight Approximate(kg)	28	
Master LED Indicator	5LED(SOC:20%~SOC100%),3LED (working, alarming, protecting)	
IP Rating of Enclosure	IP23	
Operating Temperature	Charge:0~+55°C / Discharge:-20°C~+55°C	
Storage Temperature	0°C ~ +35°C	
Humidity	5%~95%	
Altitude	≤2000m	
Cycle Life	≥4000(25°C±2°C,0.2C/0.2C,90%DOD,70%EOL)	
Installation	Wall-Mounted	
Communication Port	CAN2.0, RS485	
Warranty Period ^[3]	5 years	
Energy Throughput ^[3]	4MWh@70%EOL	
Certification	UN38.3, MSDS	

[1] DC Usable Energy, test conditions: 90% DOD, 0.2C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.

[2] The current is affected by temperature and SOC.

[3] The warranty is due whichever reached first of warranty period or energy throughput.