

RW-M6.1-B



- Safer**
 Cobalt Free Lithium Iron Phosphate (LFP) Battery, safety and long lifespan, high efficiency and high-power density. Intelligent BMS, providing complete protection.
- Reliable**
 Support high discharge power. IP65, natural cooling, wide temperature range: -20°C to 55°C.
- Flexible**
 Modular design, easy to expand, Max. 32 units in parallel, Max. capacity of 196kWh. Suited to residential and commercial applications for increasing the self consumption ratio.
- Convenient**
 Battery module auto networking, easy maintenance, remotely monitoring and upgrade, support USB drive upgrade the firm-ware.
- Eco-Friendly**
 Use environmental protection materials, the whole module non-toxic, pollution-free.
- Wall-Mounted**
 Flat design, support wall-mounted and floor-mounted, saving installation space.

Technical Data

Model		RW-M6.1-B
Main Parameter		
Battery Chemistry	LiFePO4	
Capacity(Ah)	120	
Scalability	Max.32 pcs in Parallel(196kWh)	
Nominal Voltage(V)	51.2	
Operating Voltage(V)	43.2-57.6	
Energy (kWh)	6.14	
Usable Energy (kWh) ^[1]	5.53	
Charge/Discharge Current(A) ^[2]	Recommend	60
	Max	100
	Peak(2mins,25°C)	150
Other Parameter		
Recommend Depth of Discharge	90%	
Dimension(W/H/D,mm)	510*740*145(Without Base,depth of 161mmwith Hanging Board)	
Weight Approximate(kg)	58	
Master LED Indicator	5LED(SOC:20%~SOC100%),3LED (working, alarming, protecting)	
IP Rating of Enclosure	IP65	
Operating Temperature	Charge:0~55°C / Discharge: -20°C~ 55°C	
Storage Temperature	0°C~35°C	
Humidity	5%~95%	
Altitude	≤2000m	
Cycle Life	≥6000(25°C± 2°C,0.5C/0.5C,90%DOD,70%EOL)	
Installation	Wall-Mounted, Floor-Mounted	
Communication Port	CAN2.0, RS485	
Warranty Period ^[3]	10 years	
Energy Throughput	20MWh@70%EOL	
Certification	UN38.3, IEC62619, CE, CEI 0-21, VDE2510-50	

[1] DC Usable Energy, test conditions: 90% DOD, 0.5C 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] Conditions apply, refer to Deye Warranty Letter.