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 & Floor-Mounted**
  Flat design, support wall-mounted and floor-mounted, saving installation space.

Technical Data

Model		RW-M6.1-B
Main Parameter		
Battery Chemistry		LiFePO4
Built-in Circuit Breaker		125A 2P, 60Vdc
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	150 (2mins, 25°C)
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°C~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.