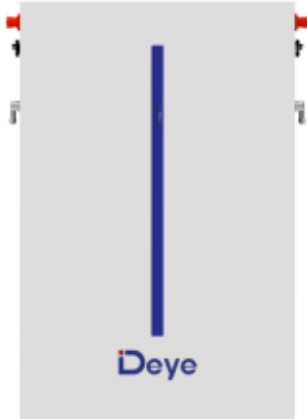


Deye Battery RW-M6.2

Product code: **ME.Battery.deye.02.rw-m6.1**



Deye RW-M6.1 batteries are a series of lithium iron phosphate (LiFePO4) energy storage products developed and manufactured by Deye. They are designed to provide reliable power for various types of equipment and systems.

This series is particularly suitable for applications requiring high power, limited installation space, heavy loads, and long cycle life.

The series is equipped with a built-in Battery Management System (BMS) that manages and monitors cell information such as voltage, current, and temperature. Moreover, the BMS balances cell charging and discharging to extend their lifespan. Multiple batteries can be connected in parallel to expand capacity and power, accommodating larger capacity and longer duration power support requirements.

Product variants

Index	Price
Deye Battery RW-M6.2 ME.Battery.deye.02.rw-m6.1	Product prices only visible after login. If you do not have an account, please register.

Product description

Deye RW-M6.1 batteries are a series of lithium iron phosphate (LiFePO4) energy storage products developed and manufactured by Deye. They are designed to provide reliable power for various types of equipment and systems.

This series is particularly suitable for applications requiring high power, limited installation space, heavy loads, and long cycle life.

The series is equipped with a built-in Battery Management System (BMS) that manages and monitors cell information such as voltage, current, and temperature. Moreover, the BMS balances cell charging and discharging to extend their lifespan. Multiple batteries can be connected in parallel to expand capacity and power, accommodating larger capacity and longer duration power support requirements.

Advantages of Deye RW-M6.1 batteries:

◆ Safe

Cobalt-free lithium iron phosphate (LFP) battery ensures safety and long lifespan, with high efficiency and power density. The intelligent BMS provides comprehensive protection.

◆ Reliable

Supports high discharge power. IP65 protection class, natural cooling, wide temperature range: from -20°C to 55°C.

◆ Flexible

Modular design, easy to expand with up to 32 units in parallel, maximum capacity of 196 kWh. Ideal for residential and commercial applications to increase self-consumption efficiency.

◆ Convenient

Battery module auto-networking, automatic IP address allocation, easy maintenance, remote monitoring and updates, support for firmware updates via USB drive.

◆ Eco-friendly

Uses environmentally friendly materials, the entire module is non-toxic and pollution-free.

◆ Wall-mounted

Flat design for wall mounting, saving installation space.

Battery Type: LiFePO4

Capacity (Ah): 120

Scalability: Up to 32 units in parallel (196 kWh)

Nominal Voltage (V): 51.2

Operating Voltage Range (V): 43.2~57.6

Energy (kWh): 6.14

Usable Energy (kWh): [1] 5.53

Charge/Discharge Current (A):

Recommended [2]: 60

Maximum [2]: 100

Peak (2 mins, 25°C): 150

Recommended Depth of Discharge: 90%

Dimensions (W/H/D, mm): 460720143 (depth of 160mm with mounting board)

Weight (kg): Approximately 55

Master LED Indicator: 5 LED (SOC: 20%~100%), 3 LED (operating, alarming, protecting)

IP Rating: IP65

Cycle Life: ≥6000 cycles (25°C±2°C, 0.5C/0.5C, 70% EOL)

Installation: Wall-mounted, floor-mounted

Communication Ports: CAN2.0, RS485

Warranty Period: 10 years