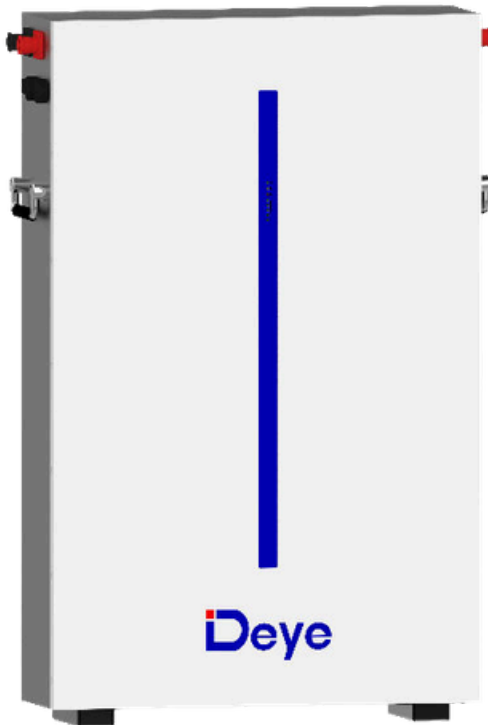


RW-M6.1



◆ Safer

CobaltFreeLithium Iron Phosphate (LFP) Battery,safety and longlifespan, high efficiency and high-power density. Intelligent BMS,providing complete protection.

◆ Reliable

Supporthigh discharge power. IP65, natural cooling, wide temperature range: -20°Cto 55°C.

◆ Flexible

Modulardesign, 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 moduleauto networking, Automatic IP addressing, easymaintenance, remotely monitoring and upgrade, support USB driveupgrade the firmware.

◆ Eco-Friendly

Useenvironmentalprotection materials, the whole module non-toxic, pollution-free.

◆ Wall-Mounted

Flatdesign,wall-mounted, saving installation space.



Stock Code: 605117.SH

Model		RW -M6.1
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)	Recommend ^[2]	60
	Max. ^[2]	100
	Peak(2mins,25°C)	150
Other Parameter		
Recommend Depth of Discharge	90%	
Dimension(W/H/D,mm)	460*720*143(Depth of 160mm With Hanging Board)	
Weight Approximate(kg)	55	
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 ,0.5C/0.5C,70%EOL)	
Installation	Wall-Mounted, Floor-Mounted	
CommunicationPort	CAN2.0, RS485	
Warranty Period ^[3]	10 years	
Energy Throughput ^[3]	20MW h@70%EOL	
Certification	UN38.3, IEC62619, CE,CEI 0-21 ,VDE 2510-50,UKCA	

[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] The warranty is due whichever reached first of warranty period or life cycle power.

Introduction

This series lithium iron phosphate battery is one of new energystorage products developed and produced by Deye , it can be used to support reliable power forvarious types of equipment and systems.

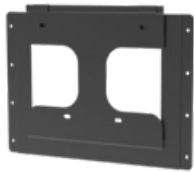
This series is especially suitable for application scene of high power,limited installation space, restricted load-bearing and long cycle life.

This series has built-in BMS battery management system, which can manage and monitor cells information including voltage, current and temperature. What's more, BMS can balance cells charging and discharging to extend cycle life.

Multiple batteries can connect in parallel to expand capacity and power in parallel for larger capacity and longer power supporting duration requirements.



Model	Accessories Parts Description	Remark
RW -M6.1-Hboard	Battery Hanging Board (Config Free)	Used for battery fixing on the wall
W T-CCable	Communication Cable (Config Free)	Battery communication cable connect with hybrid inverter
RW -M6.1-PCable	DC Power Cable (Optional)	Battery power cable connect with hybrid inverter
RW -M6.1-BCable	Battery Parallel Cable (Optional)	Battery power and communication parallel connection cable
RW -M6.1-Base	Battery Support Base (Optional)	The Support Base for Battery Floor-mounted



Model: RW-M6.1-Hboard

Details: 3kg(Appr.)



Model: WT-CCable

Details: 3m RJ45 communication cable, one end has a waterproof terminal



Model: RW-M6.1-PCable

Details: Pair of 4AWG DC power cable connect with hybrid inverter, one end has a waterproof terminal. The cable length can be customized based on customer requirements, default length is 2000mm.



Model: RW-M6.1-BCable

Details: Pair of 4AWG Battery power cable and RJ45 communication cable for battery parallel. The cable length can be customized based on customer requirements, default length is 600mm.



Model: RW-M6.1-Base

Details: Pair of battery support base. The Support Base for Battery Floor-mounted