



Model	RW-M6.1
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Main Parameter	
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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)	150

Other Parameter	
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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 / Discharge:-20 55
Storage Temperature	0 35
Humidity	5%~95%
Altitude	
Cycle Life	2 ,0.5C/0.5C,70%EOL)
Installation	Wall-Mounted, Floor-Mounted
Communication Port	CAN2.0, RS485
Warranty Period ^[3]	10 years
Energy Throughput ^[3]	20MWh@70%EOL
Certification	UN38.3, UL1973, FCC, IEC62619, CE, CEI 0-21

[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.

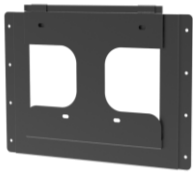
[3] The warranty is due whichever reached first of warranty period or life cycle power.

Introduction



supporting duration requirements.

Model	Accessories Parts Description	Remark
RW-M6.1-Hboard	Battery Hanging Board (Config Free)	Used for battery fixing on the wall
WT-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



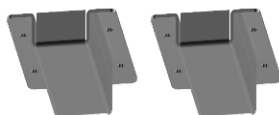
Model: RW-M6.1-PCable

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