

INDOOR FLOOR MOUNTED LI-ION BATTERY

RT-R51.2V-5/10/15/17KWH

Restarsolar Quality Maker®
Restarsolar, power the life



SAFETY

- + Long life type prismatic LiFePO4 cells, suitable for energy storage application.
- + Low voltage system, safety for application.
- + Cell certification: IEC62619, UL1973, UL9540A, ROHS
- + Battery certification: UN38.3, MSDS, CE

DESIGN

- + Indoor floor mounted design, IP20 class.
- + Flexible and easily installation, bottom with rollers.
- + -20~+55°C widely temperature range.
- + 4.3" touch LCD screen.
- + Maintenance free

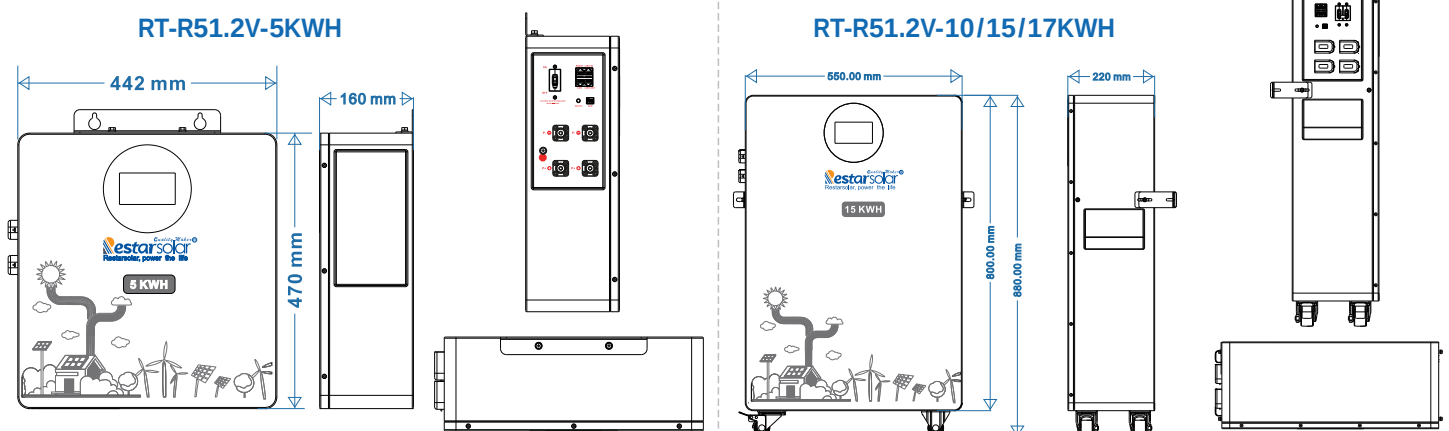
SCALABILITY

- + Parallel support for more energy.
- + Communication compatible with the major inverter manufacturers, Change different inverter protocol by LCD.

BATTERY MANAGEMENT SYSTEM

- + Independent protection for charge and discharge.
- + LCD display for detailed battery information.
- + OVP, LVP, OCP, OTP, LTP, Short-circuit protection.
- + RS485, CAN communication port for inverter and Link in& out for battery to battery communication.

Product Dimension Diagram



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RT-R51.2V-5/10/15/17KWH



SPECIFICATION

Part Number	   			
Model	RT-R51.2V-5KWH	RT-R51.2V-10KWH	RT-R51.2V-15KWH	RT-R51.2V-17KWH
Nominal Voltage [V]	51.2			
Nominal Capacity [Ah]	100	200	280	314
Total Energy [Wh]	5120	10240	14336	16076
Dimension (W*D*H, mm)	442*470*180	550*880*220		
Weight [Kg]	41.0	93.0	123.0	133.0
Max, Charging Current [A]	100	150	140	150
Max, Discharging Current [A]	100	150	140	150
Pulse Discharge Current	100A@10S	180A @10S		
Charging Voltage [V]	55.2-57.6			
End of Dicharge Voltage [V]	44.8			
Operation Humidity	0-95% RH (No condensing)			
Operating Temperature Range	Charge:0-+55°C; Discharge:-20-+55°C			
Cycle Lite ¹	>6000	>6000	>6000	>6000
Designed Calendar Life	10 Years			
Communication interface	For inverter:RS485,CANFor battery to battery: LINK-IN, LINK-OUT			
Protection	Over voltage , Low voltage, Over current, Over Temperature, Low Terperature, Short circuit			
Parallel Support ²	Yes, Max.15 Sets			
Series Support	Not support			

Note:

(1) 25°C, 0.5C /0.5C , 80%DOD to 70% of initial capacity.

(2) For parallel connection, refer to user manual.



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*If there are any changes to the parameters, please refer to the latest release from the manufacturer.