

LI-ION BATTERY

INDOOR WALL MOUNTED LI-ION BATTERY INDOOR FLOOR MOUNTED LI-ION BATTERY



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

SCALABILITY

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

DESIGN

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

BATTERY MANAGEMENT SYSTEM

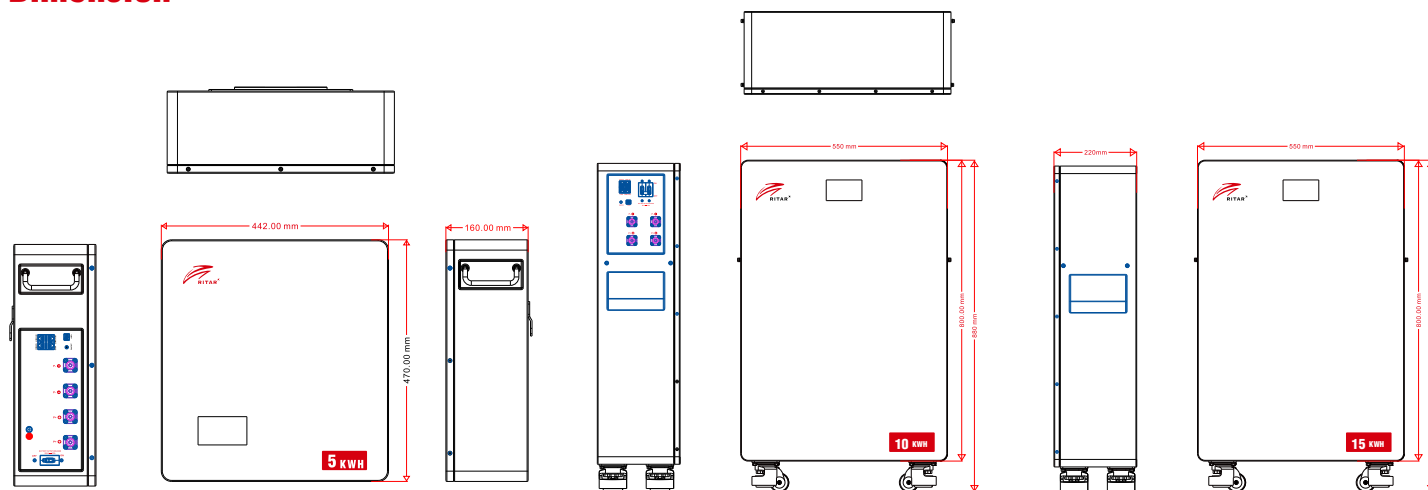
- + Independent protection for charge and discharge.
- + LCD display for detailed battery information.
- + OVP, LVP, OCP, OTP, LTP, Short-circuit protection.
- + Rs485, CAN communication port for inverter and Link in & out for battery to battery communication.

Model	GE-W5KWH-51.2V	GE-W10KWH-51.2V	GE-W15KWH-51.2V
Nominal Voltage [V]	51.2	51.2	51.2
Nominal Capacity [Ah]	100	200	280
Total Energy [Wh]	5120	10240	14336
Dimension (W*D*H, mm)	442*470*160	550*880*220	550*880*220
Weight [Kg]	41.0	93.0	123.0
Max. Charging Current [A]	100	150	140
Max. Discharging Current [A]	100	150	140
Pulse Discharge Current	110A @10S	180A @10S	180A @10S
Charging Voltage [V]	55.2~57.6	55.2~57.6	55.2~57.6
End of Discharge Voltage [V]	44.8	44.8	44.8
Operation Humidity	0~95% RH (No condensing)	0~95% RH (No condensing)	0~95% RH (No condensing)
Operating Temperature Range	Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C	Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C	Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C
Cycle Life ⁽¹⁾	>6000	>6000	>6000
Designed Calendar Life	10 Years	10 Years	10 Years
Communication interface	For inverter : RS485, CAN For battery to battery: LINK-IN, LINK-OUT	For inverter : RS485, CAN For battery to battery: LINK-IN, LINK-OUT	For inverter : RS485, CAN For battery to battery: LINK-IN, LINK-OUT
Protection	Over voltage, Low voltage, Over current, Over Temperature, Low Temperature, Short circuit	Over voltage, Low voltage, Over current, Over Temperature, Low Temperature, Short circuit	Over voltage, Low voltage, Over current, Over Temperature, Low Temperature, Short circuit
Parallel Support ⁽²⁾	Yes, Max. 15 Sets	Yes, Max. 15 Sets	Yes, Max. 15 Sets
Series Support	Not support	Not support	Not support

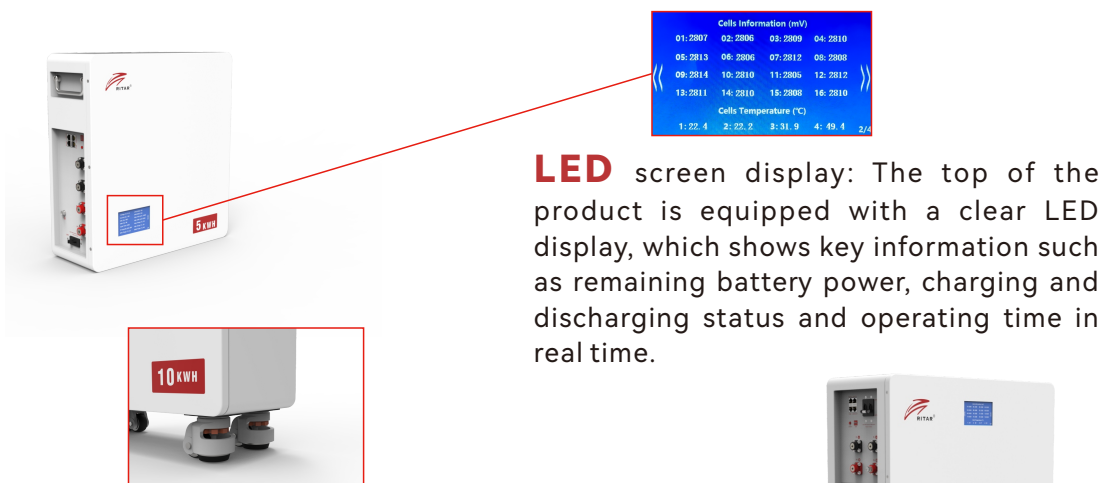
Note: (1) 25°C, 0.5C /0.5C , 80%DOD to 70% of initial capacity.

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

Dimension

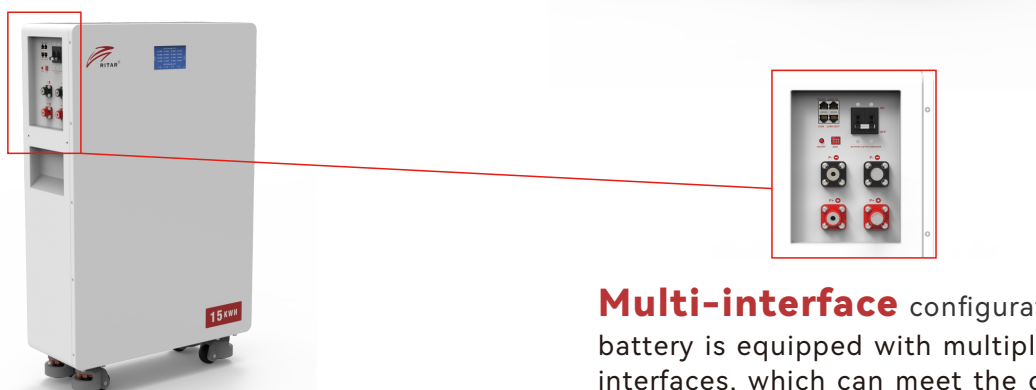


Dimension



LED screen display: The top of the product is equipped with a clear LED display, which shows key information such as remaining battery power, charging and discharging status and operating time in real time.

TIRE design: This indoor floor mounted lithium-ion battery is equipped with rugged tires to ensure that it provides stability and convenience when it is time to move, while protecting the floor from scratches.



Multi-interface configuration: The battery is equipped with multiple power interfaces, which can meet the charging needs of different devices.



Bluetooth connectivity: Integrated with advanced Bluetooth technology, users can remotely monitor the battery status through smartphones or tablets, realizing intelligent control and management, and improving the convenience and efficiency of use.

