

**INDOOR WALL MOUNTED**



**GE-W8KWH - 25.6V314Ah/100A**

**GE-W8KWH - 25.6V314Ah/150A**



# GE-W8KWH-25.6V<sub>100A</sub>

## INDOOR WALL 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

### DESIGN

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

### SCALABILITY

- + Parallel support for more energy.
- + Communication compatible with the inverter (Voltronic, Victron, MUST).

### 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.

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## SPECIFICATION

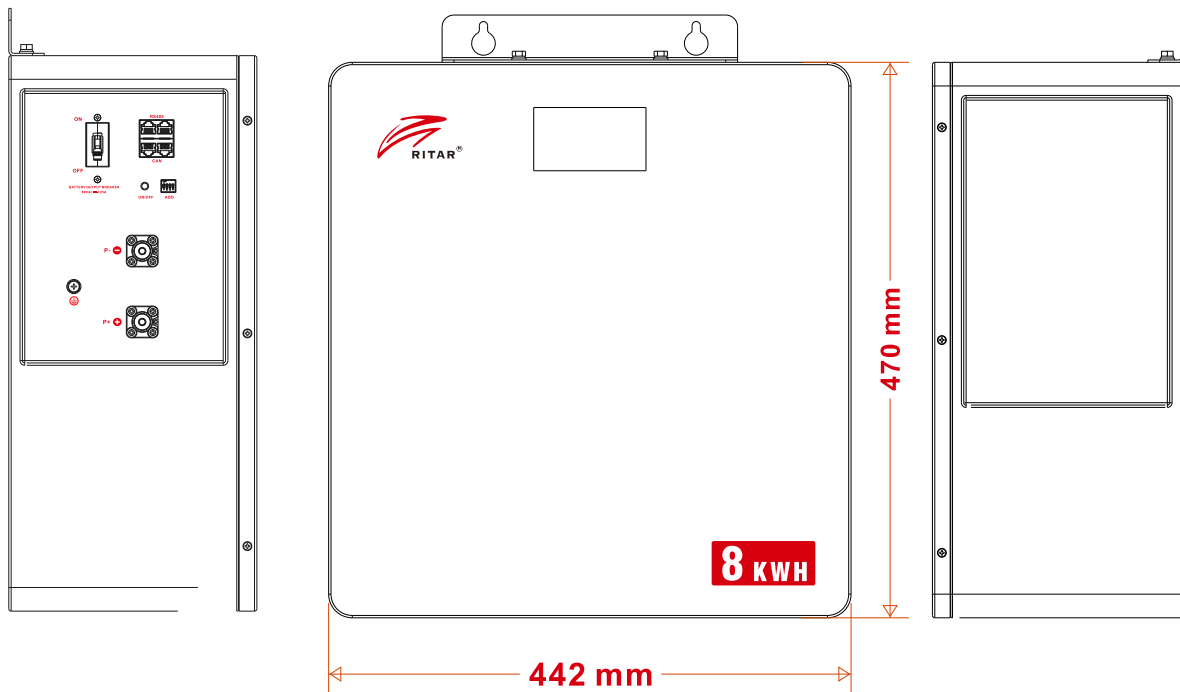
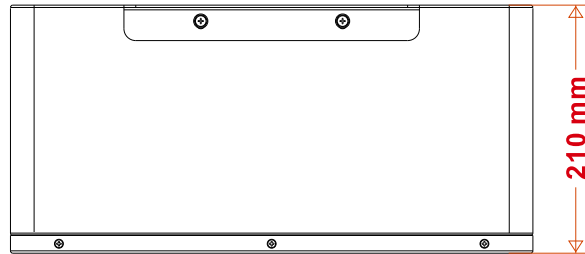
Part Number	
Model	GE-W8KWH-25.6V
Nominal Voltage [V]	25.6
Nominal Capacity [Ah]	314
Total Energy [Wh]	8038
Dimension (W*D*H, mm)	442*470*210
Weight [Kg]	60.0
Max. Charging Current [A]	100
Max. Discharging Current [A]	100
Pulse Discharge Current	110A @10S
Charging Voltage [V]	27.6~28.8
End of Discharge Voltage [V]	22.4
Operation Humidity	0~95% RH (No condensing)
Operating Temperature Range	Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C
Cycle Life <sup>(1)</sup>	>6000
Designed Calendar Life	10 Years
Communication interface	For inverter : RS485, Parallel: CAN For inverter : CAN, Parallel: RS485
Protection	Over voltage , Low voltage, Over current, Over Temperature, Low Temperature, Short circuit
Parallel Support <sup>(2)</sup>	Yes, Max. 4 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.

**Dimension**



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Nominal Capacity [Ah]	314
Total Energy [Wh]	8038
Dimension (W*D*H, mm)	442*470*210
Weight [Kg]	60.0
Max. Charging Current [A]	150
Max. Discharging Current [A]	150
Pulse Discharge Current	180A @10S
Charging Voltage [V]	27.6~28.8
End of Discharge Voltage [V]	22.4
Operation Humidity	0~95% RH (No condensing)
Operating Temperature Range	Charge: 0 ~ +55°C; Discharge: -20 ~ +55°C
Cycle Life <sup>(1)</sup>	>6000
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