

INDOOR FLOOR MOUNTED LI-ION BATTERY 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 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.

LI-ION BATTERY

Part Number			
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	20 Years	20 Years	20 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/1C,80% DOD to 70% of initial capacity.

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

Dimension

