

# Product Operation Manual

## 48V 15KWH

GHenergy™



### 1 Product description

WM-15KWH is a wall-mounted capacitor battery module, this product is only suitable for 48V system product applications. The output of the capacitor battery module is direct current. During use, pay attention that the positive and negative poles cannot be reversed, and there can be no short circuit. The output application must be adapted in terms of power, and cannot be used over power or over voltage.

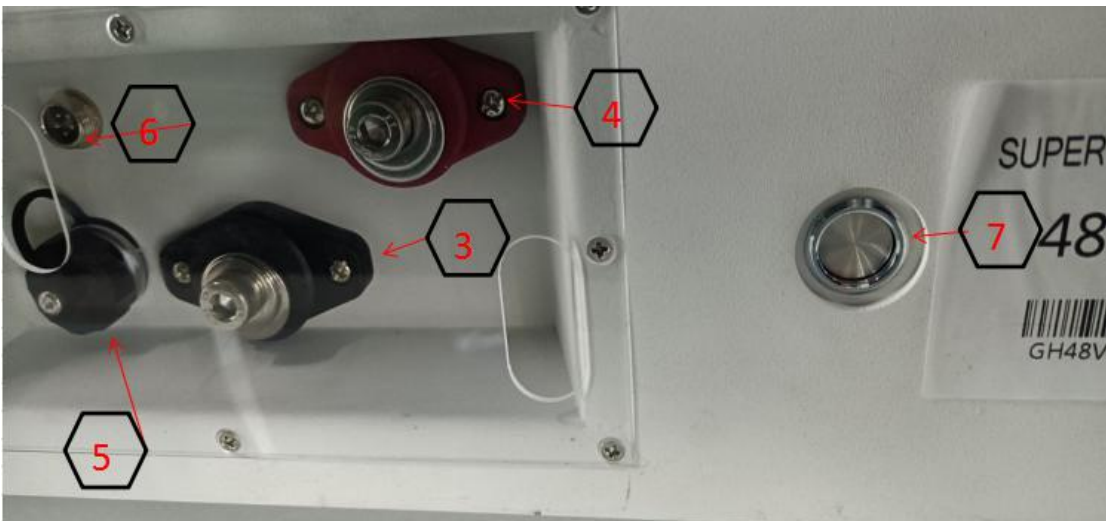
### 2 Features

- 1 Safe and reliable
- 2 Fast charge and discharge
- 3 Long cycle life
- 4 Low temperature performance

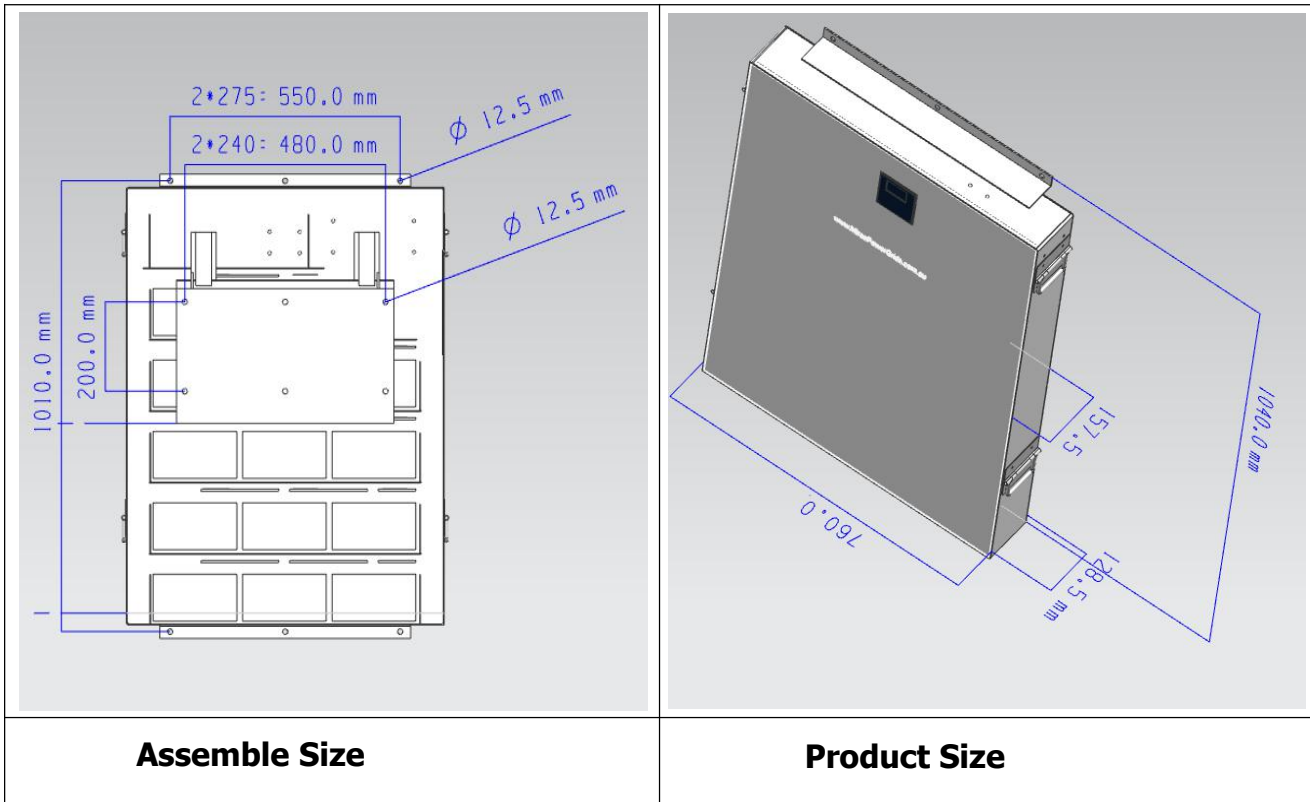


### 3 Product Features Interface Description

1	Coloured Display Table
2	indicator light
3	Output input negative
4	Output input positive
5	Maintenance testing port
6	Communication Interface
7	Weak current switch



## 4 Dimensions



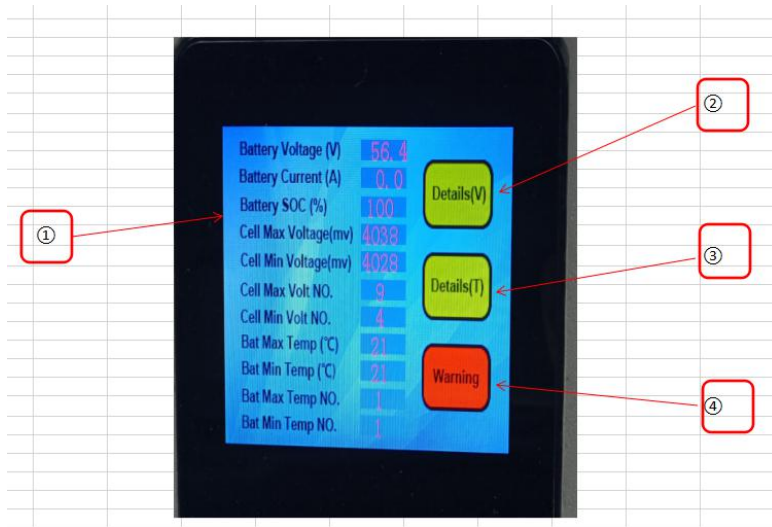
## 5 Installation Notes

- 1 Before installation, confirm that it is environmentally friendly, free of moisture, salt spray, and no obtrusive metal around to prevent short-circuiting of the product.
- 2 Wiring and installation must comply with national and local electrical code requirements.
- 3 Before wiring, disconnect the external circuit breaker and confirm whether the cable used is thick enough. The BAT wire needs to be connected to the module through an O-type terminal. It is recommended to use an O-type terminal with an inner diameter of 8MM. The O-type terminal must be firmly pressed against the BAT line to prevent excessive heating caused by excessive contact resistance; Cable sequence and terminal position, connect the BAT cable correctly. BAT+: battery positive BAT-: battery negative.
- 4 The screws that fix the wall should be firm and reliable to prevent them from falling off.

## 6 Instructions

Start the button, start the capacitor battery module, the indicator light is on, the screen starts to display, check whether the data is normal, and whether the output is normal.

## 6.1 Display Operating Instructions



1	Display of the overall working status of the equipment
2	Single string capacitor voltage display selection key
3	Single string capacitor temperature display selection key
4	Alarm parameter display selection key

## 6.2 Communication Operation Instructions

- 1 Install the driver and BMS host computer program.
- 2 Connect the USB of the computer through the can/RS 485 of the communication port.
- 3 Start the BMS host computer and adjust the COM interface.
- 4 Set and view the working status of the module and confirm the problem through the host computer.

## 7 Notice

- 1) Do not use the module in parallel with any power supply.
- 2) Module operating voltage range: DC58.8V~42.0V. Problems beyond this range are not covered by the warranty.
- 3) Modules cannot be used beyond the specifications.
- 4) Please turn off the weak current switch before connecting the module, and turn it on after connection is completed.
- 5) When connecting wires, pay attention to safety and wear insulation gloves !
- 6) Under any circumstance, it is strictly forbidden to short-connect the central control box or positive and negative posts of the module !
- 7) Users are forbidden to use the product in series, parallels or both with other products without the authorization of the manufacturer. The resulting product quality problems are not covered by the warranty.