

CHARGER MONITOR

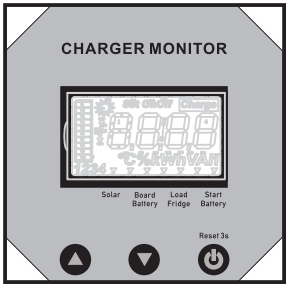
User Manual

MT-4

Function

1. LCD display can display solar panel voltage, power, main battery charging current, voltage, charging AH, and charging WH. Load or refrigerator voltage and current, Starting battery voltage
2. The charging WH and charging AH numbers can be cleared at any time
3. Adjustable backlight brightness, automatic screen off
4. Easy and convenient installation
5. Applicable to all series of our company's products. (Special reminder will be given for unapplicable models)

Operations



▲	Browse forward or press and hold for 3 seconds to set the backlight brightness
▼	Browse back or press and hold for 3 seconds to set the backlight brightness
Reset 3s ⏻	Short press: monitor on or off Press and hold for 3 seconds to reset, and the monitor settings will be reset.

1. **Backlight setting:**

Long press ▲ or ▼ 3 seconds, then short press ▲ or ▼ to adjust the backlight brightness 0-100%, press ⏻ to save the settings

2. Monitor working mode

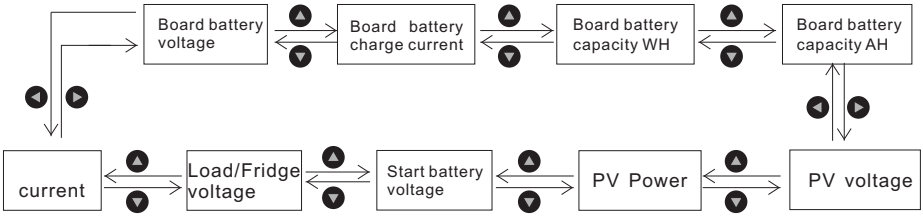
Standby mode: The display does not display any content. The display will only be activated when charging. If there is no charging, the display will turn off after 2 minutes.

Display mode: When operating the monitor, the backlight will automatically light up for 3 minutes. If there is no operation within 3 minutes, the backlight will automatically turn off. Press any button again and the display backlight will light up again.

3. WH and AH values Clearing setting

When the board battery WH or AH interface is displayed on the monitor, press and hold ⏻ for 3 seconds, and it will automatically clear.

Note: AC-DC charger does not have this function. The AC charger will automatically reset after each charging is completed (AC power outage).



1. This is a universal monitor, and different products will display different contents. If the product does not have corresponding functions, the display will not show the corresponding parameters. For example, B2B series will not display solar PV voltage and PV function.

2. When the icon▼lights up, it means that the currently displayed parameter is the device parameters corresponding to the icon

"Board battery" : Board battery parameters, (V,A,WH,AH)

“Solar” :Solar panel parameters. (V,W)

“Start battery” :Start battery parameters (V)

"Load/Fridge" : Load parameters (A,V)

The bar graph displays current of the charger and users can set it to 100% at the maximum current, making it easy to observe the current charging intensity of charger at any time Setting

Method:

With the charging current screen displayed, press ⏻ and hold for 3 seconds, the current will correspond to 100% full scale.

Charging icon (only applicable to chargers with solar charging function)

OFF: solar panel is not connected, or at night. The controller is in standby mode.

ON: normal charging

FLash: controller is in a limited power charging state.

The solar panel power exceeding the maximum input power of the controller, or the controller is in a constant voltage or floating charging stage

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Parameter

Work voltage: 12V or 24 V

Voltage range: 8V-32V

Work current: 3-30 mA(According to the backlight brightness)

Capacity range: 20... 999 Wp

LCD display:

Display area: 49 X28mm

Backlight: LED

Size : 110X110×40mm

Weight: 75g