



# Solar monitor User manual

## Function

1. LCD display, display the charging current, battery voltage, charge power, PV power, charge capacity
2. Charge AH values can be return to zero anytime
3. Backlight brightness adjustable
4. Installation is simple and convenient

## Operating



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Reset 3s



Power ON/OFF

Keep press 3 seconds can be reset meter

### Setting backlight



keep press ▲ or ▼ 3 seconds, then short press you can adjust the backlight brightness 0-100%, press ⏻ saved setting.

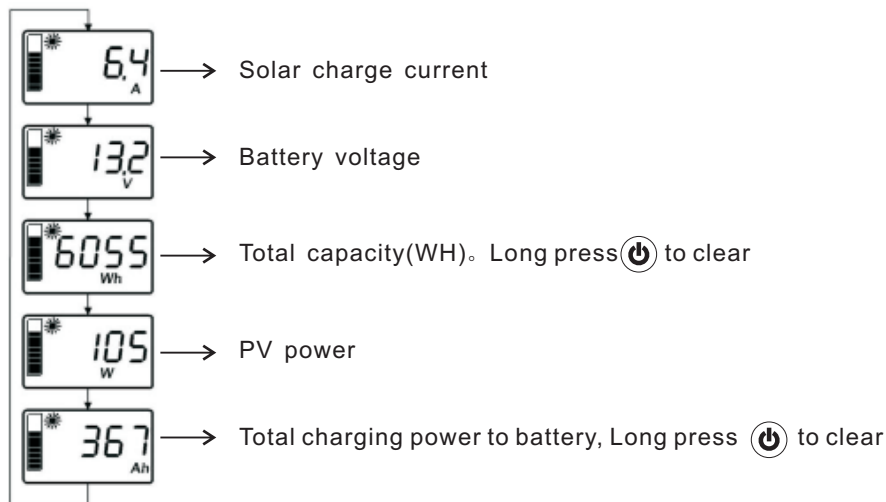
### Meter work mode

**Standby mode:** the meter show nothing when it was standby, once power come from solar, it will lights up; once no power coming, it will shut down automaticll after 2 minutes.

**Backlight mode:** Touch any button of monitor, it will lights up. If there don't have more operation, it will shut down after 3 minutes.

## Parameter browsing

press  or  to view the solar charging parameters



The bar indicates the charge current intensity of the solar panel, the user can set 100% at the highest current, Easy to observe the charging intensity.

### Setting method:

when display charge current(A), Long press  3 seconds. The current will correspond to 100% of the grid.



OFF: no charging or at night, the controller standby mode

ON : Normal charge

Flash: the controller is in a power-limited state.

The solar panel power is too large to exceed the controller maximum power. or the controller is in a constant voltage or float stage

## 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