# Remote Meter MT50

The new generation remote meter MT50 is compatible with Epsolar's LS****B, LS****BP, VS****BN, Tracer****BN solar charge controller. It can monitor real-time data and status, remotely control load ON/OFF, browse and modify the control parameter, charge mode, load work mode, and inquiry failure information etc.

## Features：

- Automatic identify  the controller, and display the type, model and relevant parameter data
- Large-screen multifunction LCD  displays all the operational data and system working status  in digital, graphic and textual forms
- With six navigation function keys, the  operation is direct, convenient and rapid
- Real-time energy statistics recording
- Both data and data flowing on the same lead ,no need for  external power
- Real-time monitoring and acoustic alarm of failure information of the controller
- Longer communication distance based on RS485

## More powerful function Via MT50

- ◆ Diversified load control modes : manual, light ON/OFF, Light ON+ Timer, Time Control
- ◆ Battery type selection: Gel, sealed, flooded and USER type
- ◆ Real-time monitor
- ◆ Programmable parameters
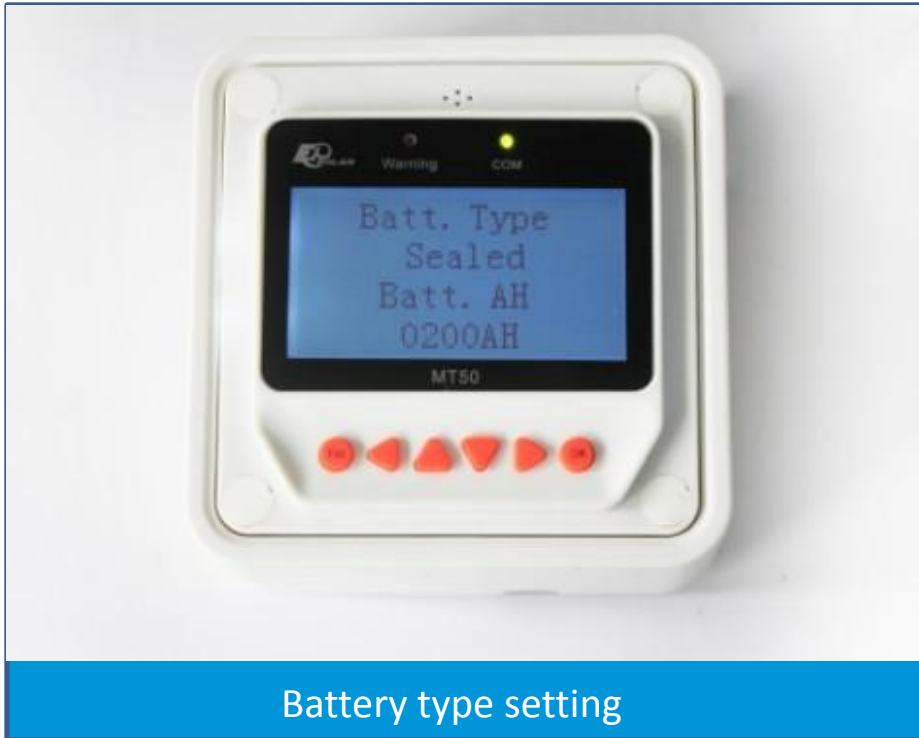- ◆ Energy  display function



### Surfacing mounting
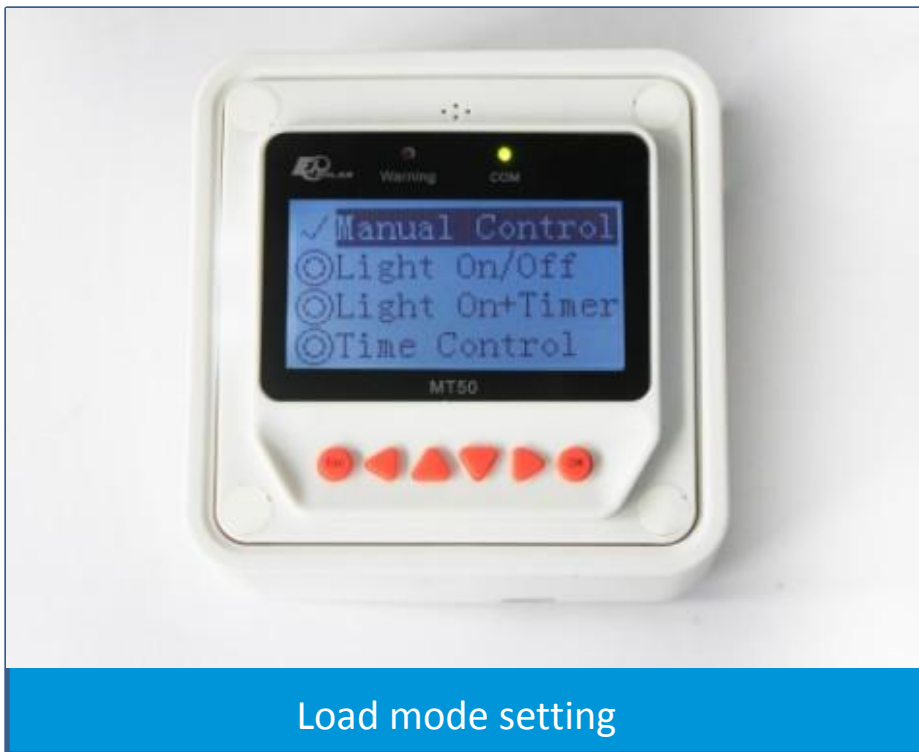


### Embedded mounting

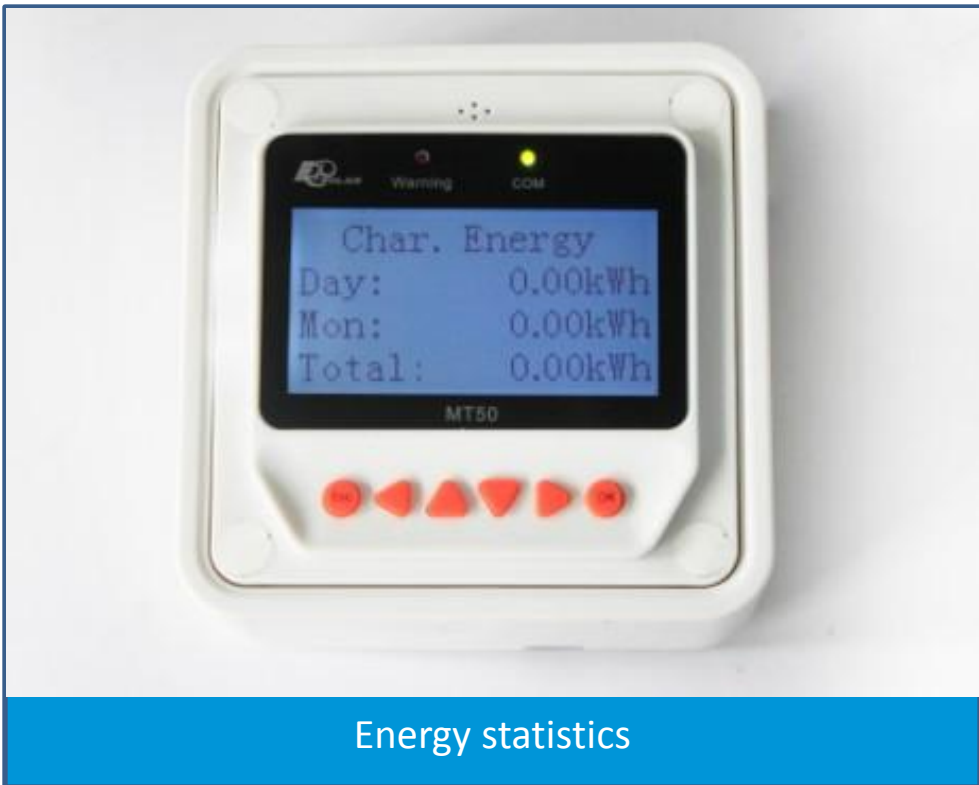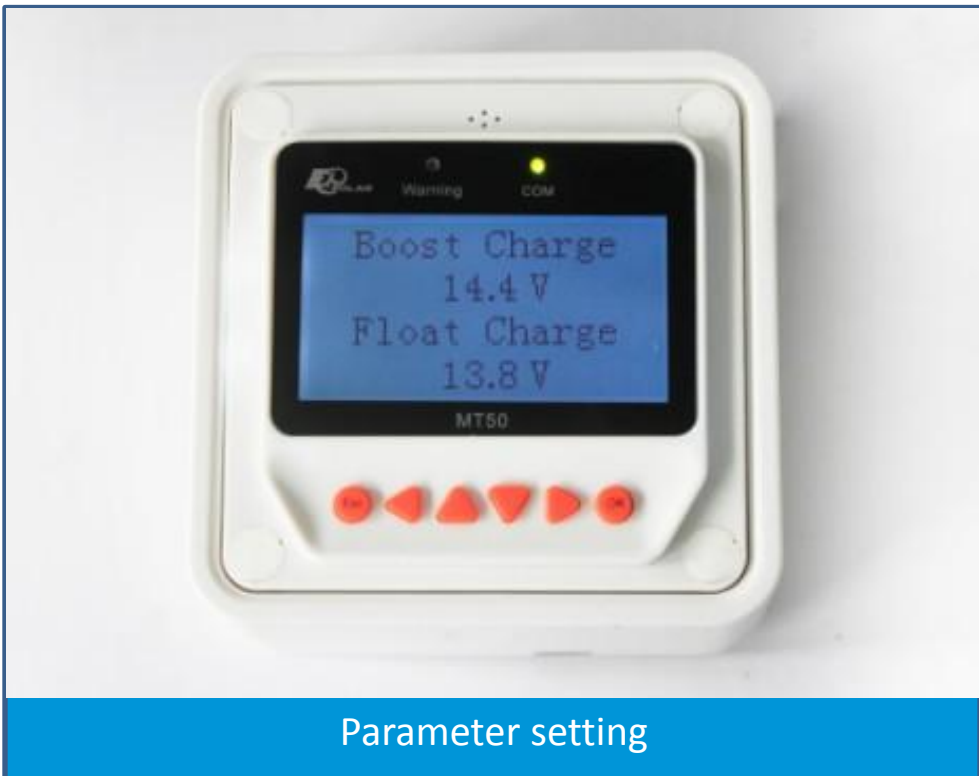## Display interface：



### Real time monitoring

Battery type setting



Load mode setting

Energy statistics



Parameter setting

## Electrical parameter

| Self-consumption | Backlight and acoustic alarm on<65mA |
|---|---|
| | Backlight on<23mA |
| | Backlight off <15mA |

## Mechanical parameter

| Faceplate dimensions | 98×98 mm / 3.86×3.86 in |
|---|---|
| Frame dimensions | 114×114 mm / 4.49×4.49 in |
| Connector type | RJ45 |
| Meter cable | Standard 2m, max .50m |
| Meter weight | 0.190 Kg |

## Environmental parameter

| Ambient Temperature | -20℃~+70℃/-4℉~158℉ |
|---|---|

mm(inches)

Meter Dimension

Frame Dimension