PWW SOLAR CHARGE CONTROLLER

USER'S MANUAL

TO DEAR USERS: \\

Thanks for choosing solar charge controller, Gamistar is always pursuing the combination of high quality and fashion design, to change the industrial product more acceptable by common family.

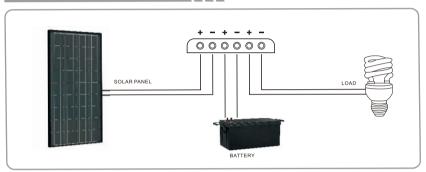
Gamistar product chooses high performance components, with strict production standard, Gamistar ensures product with long lifepan and stable quality, before enjoy the advantages Gamistar bring to you, please read the user manual carefully.

PRODUCT FEATURES: \\

1.Backlight Design

With Color Backlight Display Function The user can clearly check the working status in the night, meanwhile with very small power consumption

INSTALL &. UNINSTALL GUIDE: \\



INSTALL PROCEDURE: \\

- 1. Connect 12V or 24V battery to solar controller;
- 2. Connect 18V or 36V solar panel to solar controller;
- 3. Connect 12V or 24V load to solar controller.

UNINSTALL PROCEDURE: \\

- 1. Uninstall solar panel from solar controller;
- 2. Uninstall load from solar controller;
- Uninstall battery from solar controller.

2. Input current &. voltage display

User can see the input current and voltage from the solar panel, the function helps user to test the quality of solar panel(current x voltage = power).

3. Output current display

When 12V or 24V /48V load connected to the controller works, the screen show the output current, this function helps user master the working status of the load.

4. 4 pcs of USB output

This controller have 2 groups of USB output (4 pcs), each group with 2A current which able to charge 4 pcs of iPhone 6S at the same time.

- 5. 12V/24V/48V auto. voltage distinguish function
- 6. Over-charge, over-discharge, short-circuit protections, to ensure system safe and prolong battery life.

7. With battery temperature compensation, ensure best charge status in different environment.

8. Three stage charge mode: strong charge, constant current, floating charge intelligent control.

Different from normal LCD screen which is difficult to understand for users not professional, this controller use big size Color backlight LCD to show different parameters, users can easily read the current, voltage from the screen, and master the system status quickly.

PARAMETER SHEET \\\

MAX.Input Current	10A	20A	30A	40A	50A	60A	50A	60A
Input Voltage	MAX.50V						MAX.100V	
Battery Voltage	12V/24V AUTO.						12V/24V/48V AUTO	
Fu I Voltage Cut-off	14.4V/28.8V +/-0.2						14.4V/28.8V/57.6V +/-0.2	
Low Voltage Cut-off	10.7V/21.4V +/-0.2						10.7V/21.4V/42.8V +/-0.2	
Charge Mode	PWM							
No Load Loss	10	mA	20	mA	30	mA	30	mA
Temp.Compensation	- 4mV/℃							