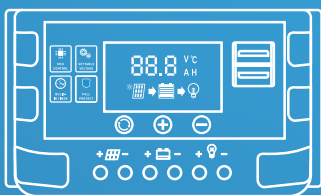


# SOLAR CHARGE CONTROLLER

NEW



Solar charge controller manages the charging from solar panel to battery, as well as the discharge of battery(only when DC load is directly connecting to the solar charge controller). It's the core control part of the whole solar system.

The main control chip of industrial level is adopted

Large LCD display showing clear voltage and current, adjustable parameters

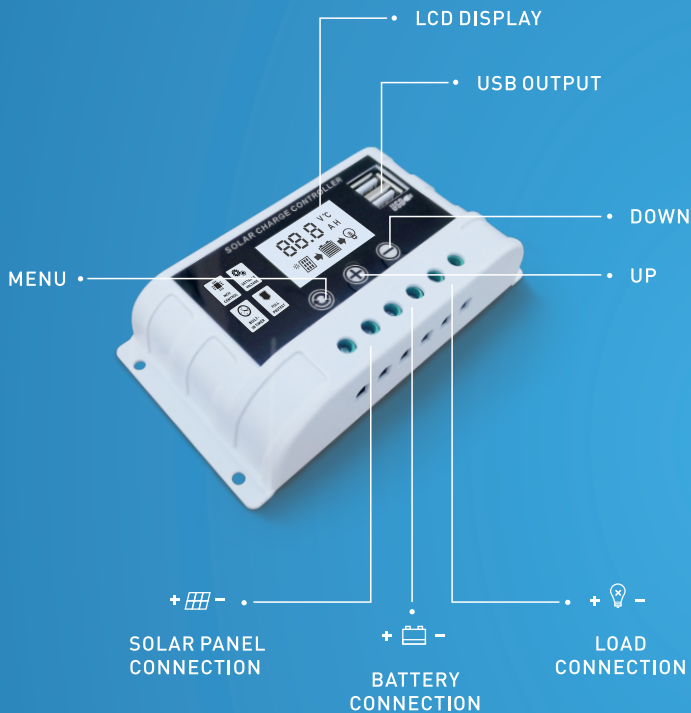
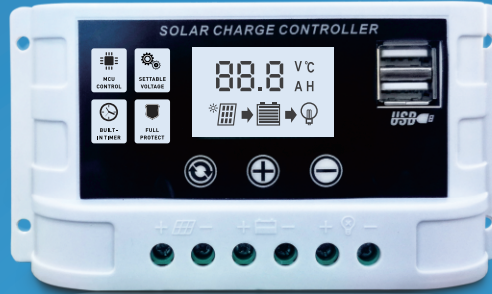


Complete three-stage PWM charging management

Build-in over-current/short-circuit protection, open-circuit protection and reverse connection protection are all self-recovery type without damaging the controller



Dual MOS anti-backfilling circuit, low heat release



VOLTAGE	12V / 24V			
RATED CURRENT	10A	15A	20A	30A
MAX INPUT	< 50V			
BATTERY TYPE	LEAD-ACID 12V <b>B01</b>	LITHIUM ION 11.1V (3*3.7V) <b>B02</b>	LiFePO4 12.8V (4*3.2V) <b>B03</b>	
CHARGING VOLTAGE	13.7V	12.6V	14.6V	
LOW-VOLTAGE DISCONNECT	10.7V	9V	10V	
LOW-VOLTAGE RECONNECT	12.6V	10.5V	12V	
USB OUTPUT	5V/2A			
STANDBY CURRENT	< 12mA			
WORKING TEMP	-35~+60°C			
SIZE / WEIGHT	133*70*33mm / 150g			

❖ All dark color voltage X2, while using 24V system.

## SAFETY INSTRUCTIONS

- ❖ This controller is for 12V/24V solar system. Make sure your battery has enough voltage for the controller to identify the correct battery type before first installation.
- ❖ Install the controller as close as possible to the battery to avoid voltage drop caused by long wire and affect normal voltage judgment.
- ❖ The controller is suitable for 12V/24V lead-acid batteries, lithium-ion batteries and LiFePO4 batteries. Please note that the corresponding battery type (default lead-acid batteries) shall be selected in the menu.
- ❖ This controller can only use solar panel as charging source. Do not use DC or other power sources.
- ❖ Running this controller will generate heat. Please ensure the controller is installed on a flat, well-ventilated surface.

