

SOLAR CHARGE CONTROLLER

SPECIALIZED FOR SOLAR PV POWER SYSTEM

RG-9 SERIES



**New
MODEL**

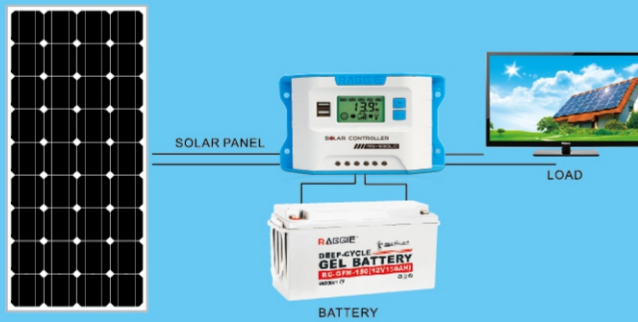


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FEATURES

- Adopt high quality components of ST, make sure product using lifespan
- Controller can work continuously at full load within the environment temperature range from -15 to 50 °C
- 4-Stage intelligent PWM charging: Bulk, Boost, Equalize, Float
- Support 4 charging options: Sealed, Gel, Flooded and User
- LCD display design, dynamically displaying device's operating data and working condition
- Double USB design, the power supply charge for electronic equipment
- With humanized button settings, operation will be more comfortable and convenient
- Multiple load control modes
- Battery temperature compensation function



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.

INSTALL PROCEDURE:

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

RG-9 series is a PWM charge controller with built in LCD display that adopts the most advanced digital technique. The multiple load control modes enable it can be widely used on solar home system, traffic signal, solar street light, solar garden lamp, etc. The features are listed below.

Model No.	RG-910LC	RG-920LC	RG-930LC	RG-950LC	RG-960LC
current	10A	20A	30A	50A	60A
Nominal system voltage	12/24VDC Auto				
Battery input voltage range	9V~32V				
Max. PV open circuit voltage	50V				
Battery type	Usr (Default)/Sealed / Gel / Flooded				
Boost Charging Voltage※	Usr (Default)/ Sealed:14.4V/ Gel:14.2V/ Flooded:14.6V				
Float Charging Voltage※	Usr (Default)/Sealed/Gel/Flooded:13.8V				
G.W	19kg	17.3kg	16.05kg	17.17kg	18.85kg
Pcs/Ctn	50	40	30	24	
Carton Dimension	528*392*262	568*413*218	613*453*168	574*453*210	
Self-consumption	≤11.5mA/12V;≤13.5mA/24V;				
Equalized Voltage ※	User(Default)/Sealed:14.6V/Gel:13.8V/Flooded:14.8V				
Charge circuit voltage drop	≤0.25V				
Discharge circuit voltage drop	≤0.12V				
USB output	5VDC/1.2A (Total)				