

# Solar Charge Controller 10A-60A

This solar charge controller is designed for efficient and safe charging of 12V, 24V, and 48V battery systems from solar panels. It incorporates multiple protection mechanisms, including overcharge, over-discharge, overload, and short-circuit protection, ensuring the longevity and safety of the battery and connected devices.



## ADDITIONAL IMAGES



## Product Overview

### Professional PWM Solar Charge Controller

This high-efficiency PWM solar charge controller is designed for versatile off-grid photovoltaic applications. It features automatic system voltage recognition for 12V and 24V battery banks and intelligent 3-stage charging logic. Built-in protection mechanisms ensure safety against over-voltage, short circuits, and overloading, while temperature compensation technology effectively extends battery service life.

## Technical Specifications

### Available Current Ratings

- 10A
- 15A
- 20A
- 30A
- 40A
- 50A
- 60A

### System Voltages

12V, 24V

### Charging Method

PWM 3-stage charging

## Key Features

### Safety Protections

Over-voltage • Short-circuit • Overload • Overcharge • Over-discharge • Reverse connection • Temperature compensation

### Control Interface

- LCD Display
- Double button operation
- Adjustable load control mode
- Timer function for street lighting