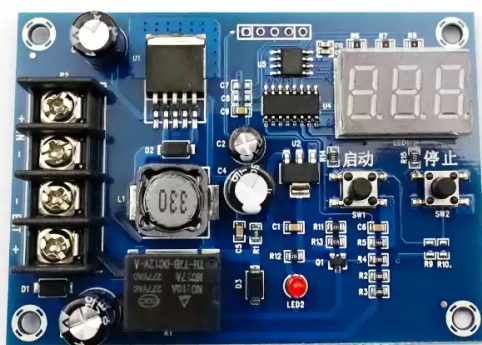


12-24 V Battery Charge Control Module

Automatic relay controller with voltage display and overcharge cutoff



Product Overview

A compact power-electronics module documented from the supplied archived product page. The specifications below separate confirmed ratings from operating guidance and identify the exact module variant where the source page contains multiple options.

Electrical and Mechanical Specifications

Parameter	Value
Supported battery systems	12 V and 24 V nominal systems
Control method	Automatic relay switching by measured battery voltage
Display	Three-digit voltage display
Adjustments	User-set start and stop voltage thresholds
Protection function	Overcharge cutoff control
Connections	Screw terminals for supply, battery and controlled path

Key Features

- Automatic charge start / stop
- 12 V and 24 V system support
- Live battery-voltage display
- Adjustable overcharge protection threshold

Operating Notes

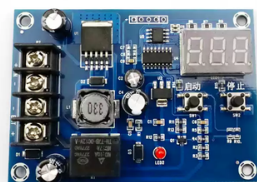
- This module controls an external charging path; it is not a standalone battery charger.
- Set both voltage thresholds for the selected battery chemistry.
- Confirm relay contact current and use external switching when the load exceeds its rating.

Application and Connection Guide

APPLICATION & CONNECTION

DC CHARGER

12 / 24 V system



BATTERY

Automatic cutoff

Verify polarity and configure voltage/current before connecting the load.

Connection Sequence

1. Confirm the input source is within the stated range. 2. Verify input and output polarity. 3. Configure voltage and current limits with the load disconnected. 4. Connect the load or battery. 5. Monitor temperature during initial operation.

KEY PRODUCT ADVANTAGES



- 1 **Automatic charge start / stop**
- 2 **12 V and 24 V system support**
- 3 **Live battery-voltage display**
- 4 **Adjustable overcharge protection threshold**