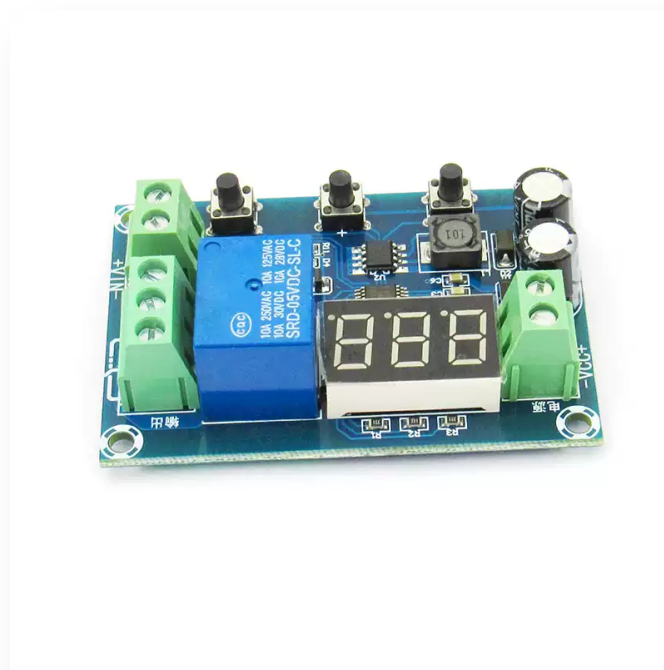


Timed Battery Charge/Discharge Controller

Voltage-monitoring relay module with undervoltage and overvoltage protection



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
Function	Battery charge and discharge control
Display	Integrated digital voltmeter
Switching	On-board power relay
Protection	User-set undervoltage and overvoltage thresholds
Timing	Programmable timed charge/discharge control
Controls	Three-button setting interface
Connections	Screw-terminal battery, source and load connections

Key Features

- Charge and discharge automation
- Digital voltage display
- Undervoltage / overvoltage protection
- Programmable timing

Operating Notes

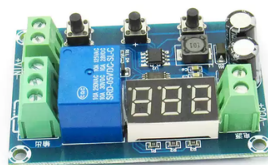
- The saved page does not expose a reliable universal voltage/current range.
- Configure thresholds for the connected battery chemistry.
- Verify relay contact rating and wiring before use.

Application and Connection Guide

APPLICATION & CONNECTION

BATTERY / CHARGER

Voltage monitored



LOAD / CHARGING PATH

Relay controlled

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 Charge and discharge automation

2 Digital voltage display

3 Undervoltage / overvoltage protection

4 Programmable timing