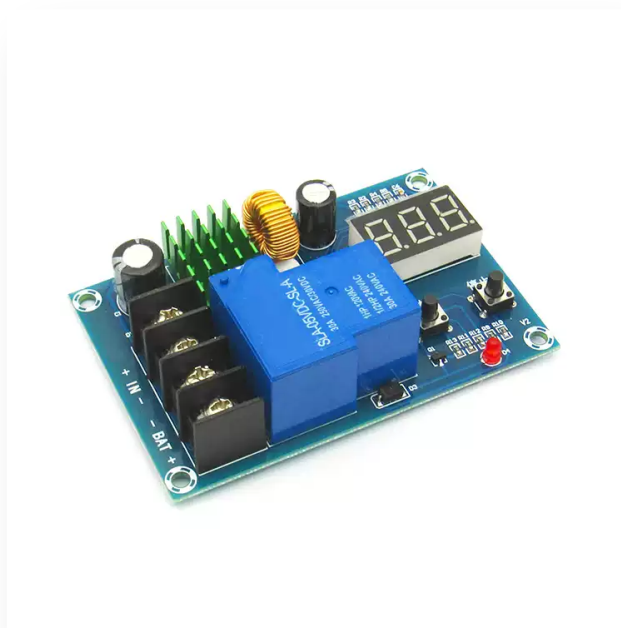


6-60 V Automatic Battery Charge Controller

Relay control board with digital display and overcharge 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
Supported voltage range	6-60 V battery systems
Control method	Automatic relay switching by battery voltage
Display	Three-digit battery-voltage display
Thresholds	User-set charge-start and charge-stop voltage levels
Primary function	Automatic charging control and overcharge protection
Connections	Screw terminals for battery, supply and switched charging path

Key Features

- 6-60 V system coverage
- Automatic charge start / stop
- Digital battery-voltage display
- Adjustable overcharge protection

Operating Notes

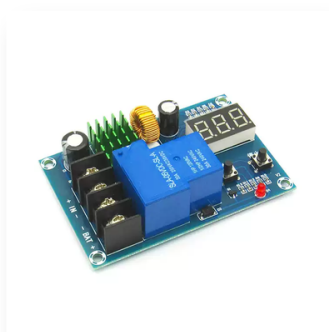
- This board controls the charger through a relay; it does not generate the charging voltage or current.
- Set thresholds appropriate to the battery chemistry and series-cell count.
- Confirm the relay contact rating and charger isolation before installation.

Application and Connection Guide

APPLICATION & CONNECTION

DC CHARGER

Configured source



6-60 V BATTERY

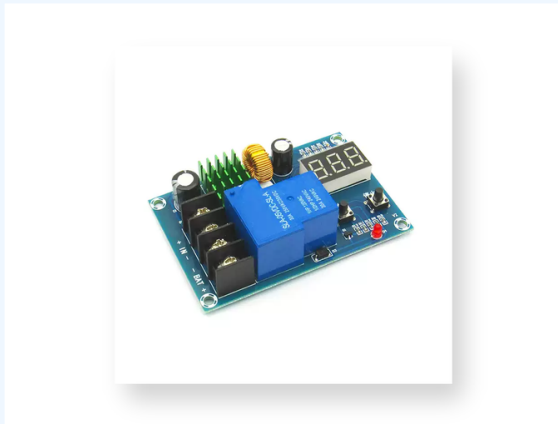
Automatic control

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 **6-60 V system coverage**
- 2 **Automatic charge start / stop**
- 3 **Digital battery-voltage display**
- 4 **Adjustable overcharge protection**