

# 37228-PS

## Charge Control - Battery Protection Module

Adjustable Charge Controller with 3 digit LED display.  
Set the low battery limit and battery High Cutoff limit to charge batteries. For Lead-acid batteries, Car battery, Lithium-ion battery.  
Automatic Output Off when charged.

**Input:** DC 6-60VDC (Max 80V)

**Output Voltage:**

Set Low Limit (Charge) =  $0.9 \times$  Battery Rating  
Set High Limit (Charge Off) =  $1.4 \times$  Battery Rating  
Ex: 12V set output to 14.4V Low Limit to 10.8

**Output Charge Current:** Set by your charger  
(Usually  $0.1 \times$  battery capacity)

Display Accuracy: 0.1V

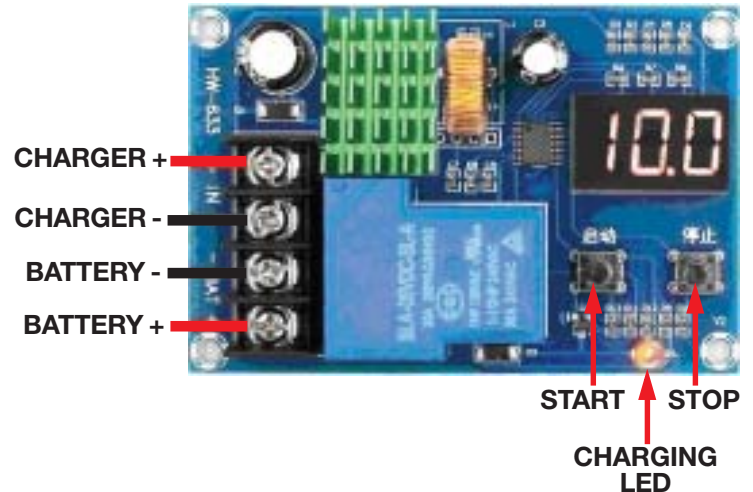
Control Accuracy: 0.1V

Output Type: Relay Contact

Contact rated: 30A max@ 250VAC/30VDC

Terminal Strip Connections

**L:** 3-3/16" **W:** 2-1/8" **H:** 7/8" **WT:** .2



**Instructions:**

A. Set the Start Charge Voltage (Low Limit):

1. Display shows present battery voltage,
  - a. Press the Start Button, display shows the Start Charging Voltage Setting.
  - b. Press the Start Button for ~3 seconds, Display flashes
  - c. Use the Start and Stop Buttons to set the Start Charge voltage value.

B. Set Stop Charge Voltage (Upper Limit):

1. Display shows present battery voltage,
  - a. Press the Stop Button, display shows the Stop Charging Voltage Setting.
  - b. Press the Stop Button for ~3 seconds, Display flashes
  - c. Use the Start and Stop Buttons to set the Stop Charge voltage value.

C. Setting Error (Reset Factory Default): (Start Voltage is 12V, and the Stop Voltage is 14V)

- a. Press and hold the Start & Stop button while power is ON, Display shows "888",

**NOTE:**

1: When setting the voltage, if it stops at a certain value, and can not be set. You set the other voltage first, then set try the 1st. voltage again. There must be separation between "Start & Stop. This is not a circuit or program fault.

2: DO NOT MISSWIRE THE INPUT POWER. CIRCUIT FAILURE WILL OCCURE

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