# CN3791 MPPT Solar Panel Regulator Controller




**Produktkode:** 953aa
**Tilgjengelighet:** 2
**Weight:** 0.00kg
**Custom Field 5 (Location):** P29

## Pris: kr. 65,00

**Kort beskrivelse**
Cell Lithium Battery Charge 3.7V 4.2V CN3791 MPPT Solar Panel Regulator Controller Solar Panel Charger Board Controller Module

6V input. Fungerer ikke på lavere spenninger

**Beskrivelse**
## Description

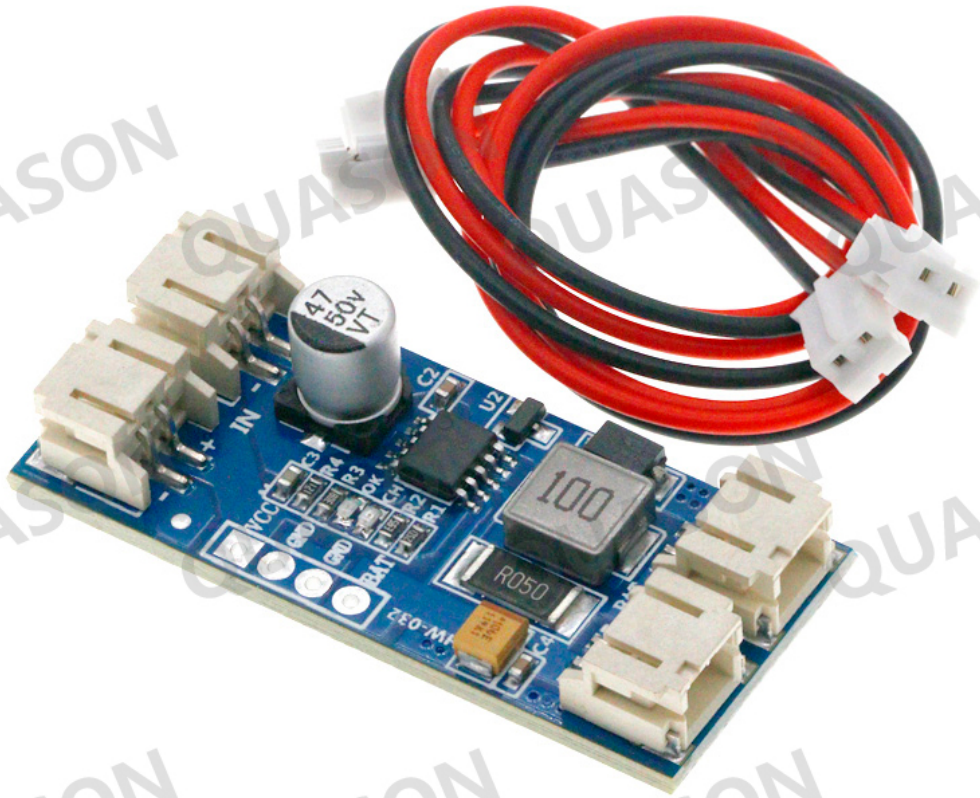
Report Item

## PRODUCT INFORMATION

# CN3791 MPPT
# Solar Panel Regulator Controller

Lithium battery charging module, charging current up to 2A

Various specifications can choose 5V 6V 9V 12V




This is a solar charger used for single cell lithium battery maximum power point tracking (MPPT). This MPPT solar charger enablesyou to get as much power as possible from solar panels or otherphotovoltaic devices and install it in a rechargeable lithium battery. It is very easy to use, just insert the solar panel into one sideof the solar charger, and then insert the battery into the other side, you can start charging!

Solar Maximum Power Point Tracking(MPPT) is to ensure that the light intensity changes and the photovoltaic cells

output terminal power or near no-panel over-energy. Optimally, it's relatively to not publish to real DC-DC converter to realize the MPPT function, keeping the output voltage and current of the solar panel at the optimal point.

The output of the solar charger's configuration should be a constant voltage (CV) and constant current (CC) combination to provide both the battery. Each solar charge is accompanied by a MPPT power tracking device, ensuring maximum energy extraction from the solar panel under all conditions.

In this work, we provide Holding voltage for MPPT. Divided into two 4 switch cells input voltages of Vin +0.7V. and 2.7Vconnected by to the operating voltage of solar panels and the output voltage of the battery. The input voltage is set through 50mV voltage and battery voltage drop.

When the current output capacity of the load power exceeds the maximum power point of the solar panel, automatically track the maximum power point of the solar panel. The user does not need to consider the exact size of the load power, as long as the load power does not exceed the panel is a very good work as specific voltage of the maximum power point of the solar panel, the system will be essentially corresponding to the solar panel battery charging and discharging can be run.

**Product Features:**

Input voltage: refer the corresponding module's according to the actual voltage of the solar panel (Vmp) Output voltage: refer to the battery voltage (Vbat) Minute: battery-empty sizing 50%+or battery's linear

**info**

**mer info**
https://youtu.be/kEttqWJrdww?si=V-qpn2x2iDM0B0NP