



**Product Details** 

## Micro USB TP4056 Charge And Discharge Protection Module Over Current Over Voltage Protection 18650 2,50€

Payment Methods

(58)

Shipping Methods

Text Reviews

Image Reviews

Video Reviews

**Customer Discussions** 

On-board micro USB head, can be directly connected with most of the smart phone charger as the input side to the lithium battery charging

Reserved IN+ and IN- input port, convenient user DIY

On-board charging status indicator

Support charge discharge over current protection

Chip with constant current and constant pressure, full automatic stop

Supports simultaneous charging and discharging

### Parameter:

Input voltage: DC5V

Charge cutoff voltage: DC4.2V±1% Charge maximum output current: 1.2A

Charging mode: linear charge

Working environment temperature: -20-85 degrees Celsius

### Package included:

1 x Micro USB TP4056 Charge And Discharge Protection Module

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Product Details

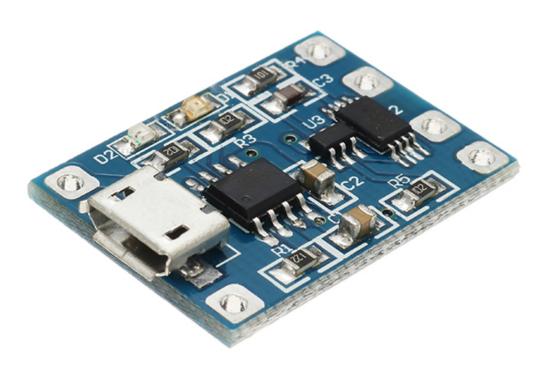
Shipping Methods

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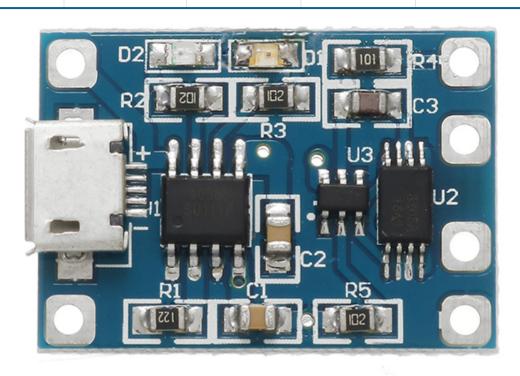
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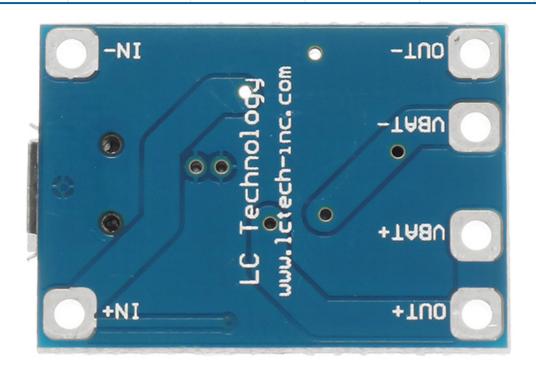
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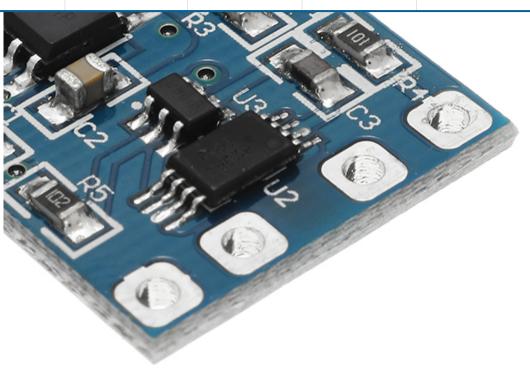
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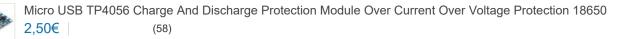
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**Customer Discussions** 



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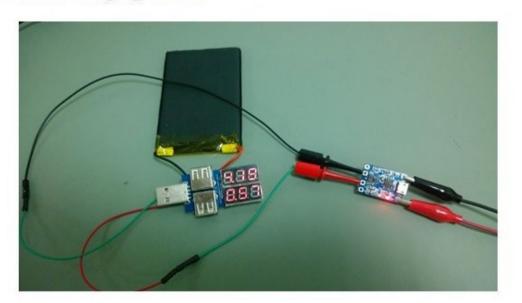
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## 1. Charge for lithium battery

Lithium battery positive and negative, respectively access

VBAT + and VBAT-, not reversed; as follow picture: access 4.8V to 20000MAH polymer lithium battery for charging, upcoming full status, voltage display 4.19V and 570mA charging current



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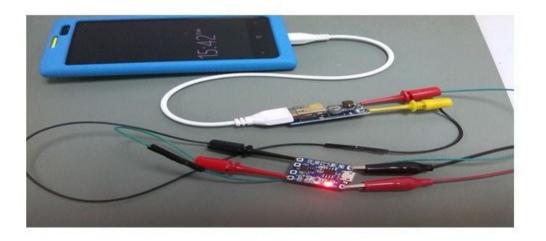
is ok. Via OSD power suppry, input voltage 5 v, ocount i charging

# current and 4.19V charging voltage

### 2.OUT connect to load

OUT port can be directly connected to the load, when the load is connected, via VBAT charging port is invalid.

For convenience, the OUT terminal through a small boost module (0.9V-5V input, 5V output) 5V boost to charge the phone. As shown, the OUT + connect to positive of small boost module, OUT- then negative, phone connect with USB female.



## **Shipping Methods**

#### EU WAREHOUSE & UK FREE

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Exceptional prices shipped at a speed you won't believe. Lighting fast delivery offers great speed to European Union Countries.