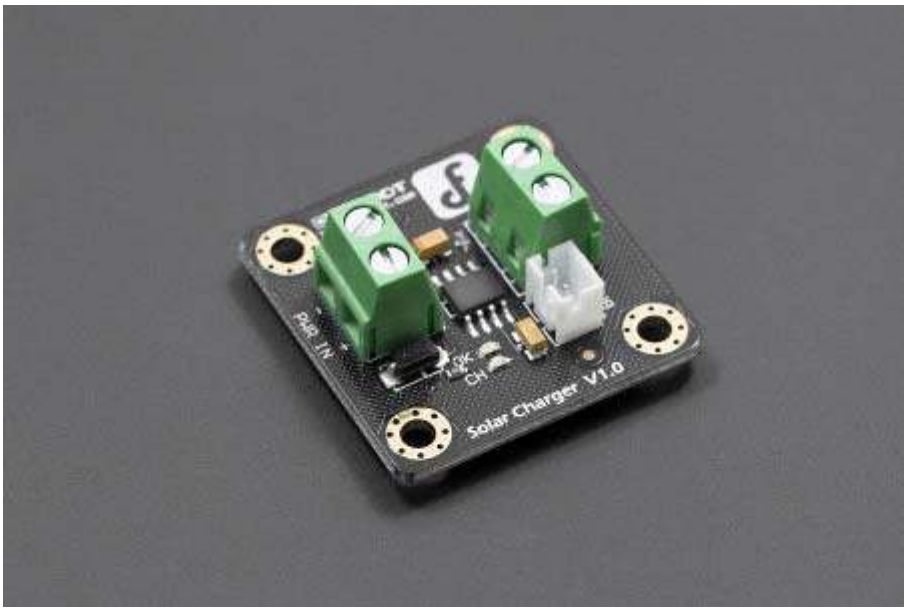
Solar Charger SKU:DFR0264



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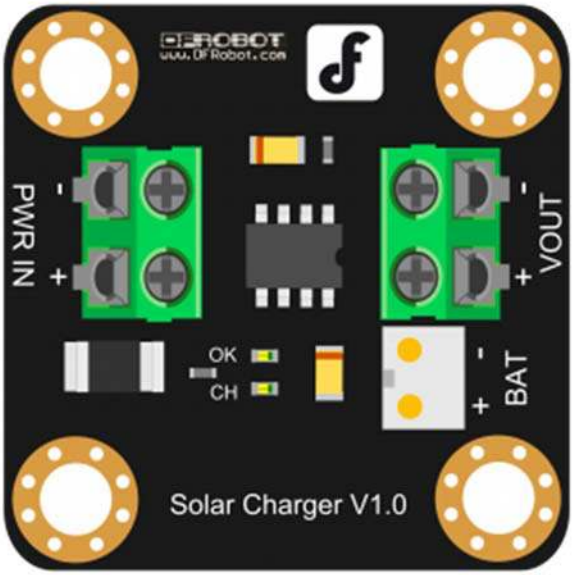
Introduction

This solar charger is designed for single lithium battery (3.7V) for intelligent charging, with input reverse polarity protection. The maximum charging current is 500 milliamperes and the connection is simple and convenient. Used with the solar battery and lithium battery, you can quickly build a solar power system.

Specification

- Input Voltage: 4.4~6V
- Charging Current: 500mA Max (Depending on the solar battery supply capability)
- Charging Cutoff Voltage: 4.2V
- Operating Temperature:-40~85℃
- Module Size: 33mm*33mm*12mm
- Requisite battery: 3.7V lithium battery (Please note the maximum permissible charging current of the lithium battery)
- Charging Indicator: Charging:Red LED Done:Green LED No Battery:Red LED Flashing

Diagram



Port Description:

- PWR IN:4.4~6V power input terminal. You should connect it to a solar battery. The maximum output voltage of the solar battery should be in the range of 4.4V to 6V.
- BAT: Connect a 3.7V lithium battery, for storing electricity.
- VOUT: Lithium-ion battery output. Connect your electrical equipment to it.
- Charging Indicator: When there are no battery, the green LED is ON and the red LED is flashing. When charging, only the red LED is ON. After the charging is completed, only the green LED is ON.

FAQ

Q. Can I charge my lipo with a battery, and charge an arduino at the same time?

A. Not recommanded! For the Solar cannot produce a steady current generally. If you supply the not steady power to an Arduino card, it may cause unexpected result or get the bootloader lost.

Application

Material:

- Solar Panel (5v 260mA)
- [Solar Charger]
- 3.7V Polymer Lithium Ion Battery - 1000mAh