

## Lipo Rider Plus (Charger/Booster) - 5V/2.4A USB Type C

SKU 106990290

The Lipo Rider Plus from Seeed is not only a **Fast Charger** but also a **Strong PowerBoost**, supports up to 5V/2A charging current, boost output integration, output up to 5V/2.4A, can also output 3.3V /250mA.

*Slow, slow, snail.*

*Fast, fast, flash.*

Welcome to the era of fast charging! 5V/2A Lipo Rider Plus will greatly increase the charging speed, just like flashing lightning.

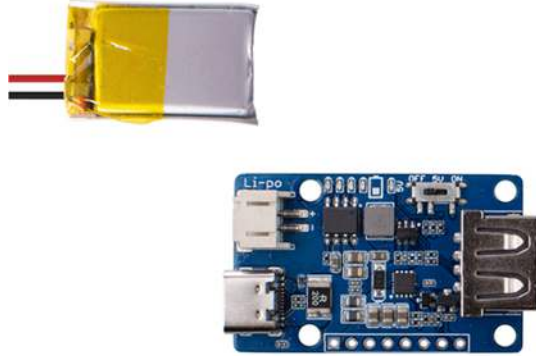
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Simply put, the Lipo Rider Plus can charge the Lipo battery much faster, at the same time it can provide strong power for the slave device. Oops, forgot to introduce the difference between the Lipo rider and the traditional Lipo charger.

## Lipo Rider VS Lipo Charger

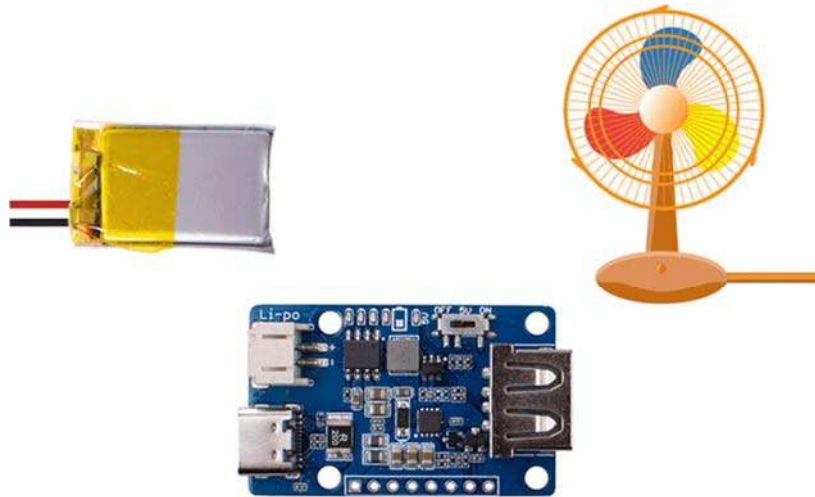
As we know, the traditional Lipo Charger can charge the lithium battery. Well, usually they can only charge. But what can a Lipo Rider do?

### **Charging the lithium battery**



Of course, Lipo Rider Plus can charge the Lipo battery, and it is very fast, 5V/2A, 10W charging power, what a flying experience.

### **Use the battery to power the device**



Not only a charger but also a power supply and a booster. With the help of Lipo Rider Plus, you can input a 3.7V lipo battery, and output up to 5V/2.4A via the USB Type-A port. With the on-board switch, you can control the ON/OFF of USB port easily. Meanwhile, we provide the full function pin header, which can output 3.3V/250mA as well.

## Lipo Rider Plus VS Lipo Rider & Lipo Rider Pro

You may find that we've already released the [Lipo Rider V1.3](#) and [Lipo Rider Pro](#), so, what's the difference between [Seeed Lipo Rider](#)? In short, both LiPo Rider Pro and Lipo Rider v1.3 have two JST2.0 Port, which allows you to use a solar panel to charge a lipo battery.

However, the Lipo Rider Plus only has one JST2.0 port. Hence, it can not use a solar panel as the power source. The good news is that Lipo Rider Plus has become more compact, it is almost half the size of LiPo Rider Pro and Lipo Rider v1.3, you can easily mount it in any project. More importantly, its performance is much stronger than its two predecessors. All in all, if you need to work with solar panels, then LiPo Rider Pro and Lipo Rider v1.3 are right for you; if you want to experience fast charging, then Lipo Rider Plus will be your best choice.

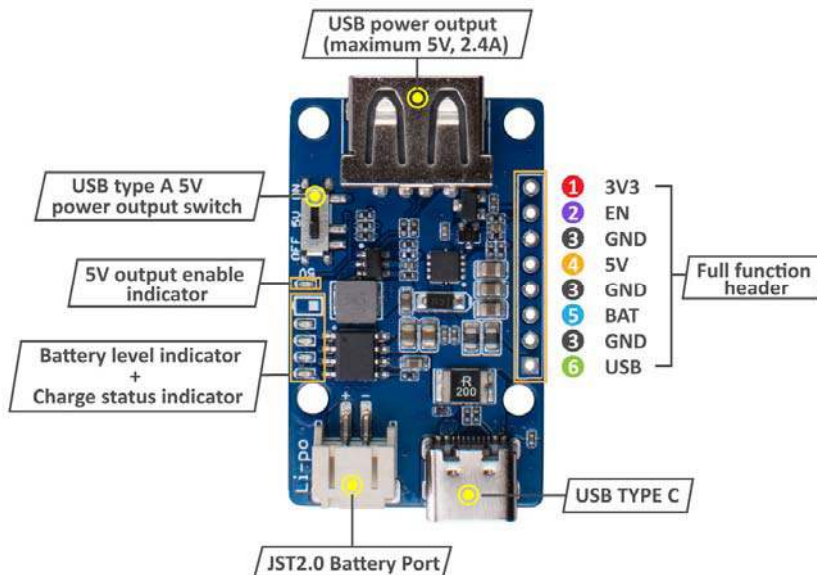
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### Features

- Up to 5V / 2A charging current - USB Type C
- Up to 5V / 2.4A output current - USB Type A
- Provides 3.3V / 250mA output - Pin Header
- Support for shutdown output (IO control/manual switch)
- Onboard charge status indicator LED + Onboard 4-segment power indicator LED
- Ultra-small 2.5cm\*4.1cm
- Single-layer layout easy mount.

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### Hardware Overview



## ECCN/HTS

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|--------|------------|
| ECCN   | EAR99      |
| HSCODE | 9030339000 |
| UPC    |            |

