



# 250mAh LiPo battery including 500mA USB charger

SKU: 110060403

Use the Bitcraze battery charger to always have your spare batteries full to maximize your flight time.



## 1. Introduction

If you're a bit handy with a soldering iron you can even solder multiple chargers together for multi-battery charging.

## 2. Features

- 500mA single-cell LiPo battery charger
- Charging indicator
- Connection points for chaining of multiple chargers
- 250mAh Li-Po battery (1 cell)

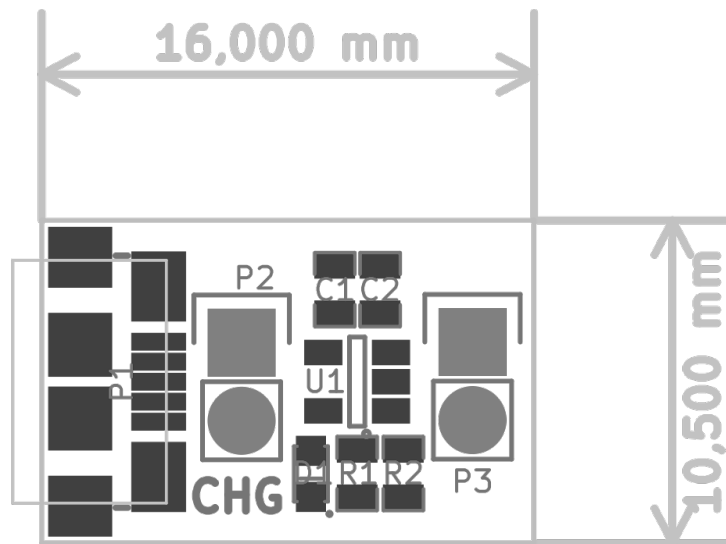
## 3. Electrical specification

- Battery charger
  - Max charging current: 500mA
  - Supply voltage: 5V
  - micro-USB charging connector
  - Based on the MCP73832 single-cell Li-Po charger
  - Connection points allows chaining of multiple chargers (1x2, 2.54mm pitch)
- 250 LiPo battery
  - Capacity: 250mAh
  - Nominal voltage: 3.7 V (1 Cell)
  - Discharge: 15C
  - Charge: 2C
  - Operating Temperature: 0~45°C (Charging) / 0~60°C (Discharging)
  - Connector: Molex 51005-2P (Pin 1 positive)

## 4. Mechanical specifications

- Battery charger
  - Weight: 1.2g
  - Size (WxHxD): 10.5x16x1.6mm (not including cable)
  - Connector for the Crazyflie 2.X stock battery
- 250 LiPo battery
  - Weight: 7.1g
  - Size (WxHxD): 20x7x30mm (not including cable)
  - Cable length: 20 mm

## 5. Mechanical drawing



## 6. Package contents

- 1 x LiPo battery charger
- 1 x 250mAh LiPo battery

## 7. Errata

## 8. Hardware revisions

Revision	Comment
A	Initial release

## 9. History

Version	Comment	Date
1	Initial release	2020-05-14
2	Corrected battery capacity from 240mAh to 250mAh and updated operating temperature	2021-02-24