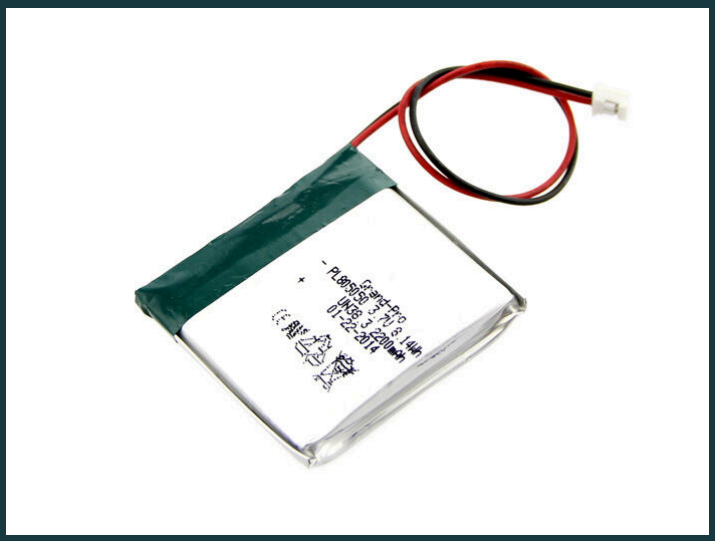
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INDUSTRIAL PRODUCT DATASHEET

Polymer Lithium Ion Battery - 2200mAh 3.7V

Lightweight, high energy density 2200mAh 3.7V polymer lithium-ion battery with built-in protection and JST 2.0mm connector.

SKU	UPDATED	PRICE
313010018	2026-10-23 02:47:19	$9.90(Excl. VAT)



Overview



This is a lightweight, high energy density polymer lithium-ion battery with a nominal 3.7V output and 2200mAh capacity. It includes built-in protection against over voltage, over current, and minimum voltage, and comes terminated with a standard 2-pin JST connector (2.0mm pin spacing).

Key Features

This is a light weight, high energy density polymer lithium battery. It outputs a nominal 3.7v at 2200mAh, including built-in protection against over voltage, over current, and minimum voltage. It comes terminated with a standard 2-pin JST connector-2.0 mm spacing between pins.

Please do not attempt to charge these with anything but a specialized Lithium Polymer charger.

Recommended chargers for 3.7V polymer lithium battery:

- **Li-po Rider**
- **LiPo Rider Pro**
- **Solar Charger Shield V2**
- **Energy Shield**

Features

- Excellent long-term self-discharge rates
- Robust power source under extreme conditions (-25 to 60°C)
- CE, Rosh, UN38.3 compliance

Specifications

- Charge voltage: 4.2V
- Nominal Voltage: 3.7V
- Nominal capacity: 2200mAh @ 0.2C discharge
- Minimum rated capacity: 2100mAh @ 0.2C discharge
- Max. Charge current: 2.2A
- Max. Discharge current: 3.3A
- Cell weight: Approx.42g
- Dimension: 53mm x 51mm x 8.5mm
- Connector type: JST2.0mm
- Wire length: 60±5mm

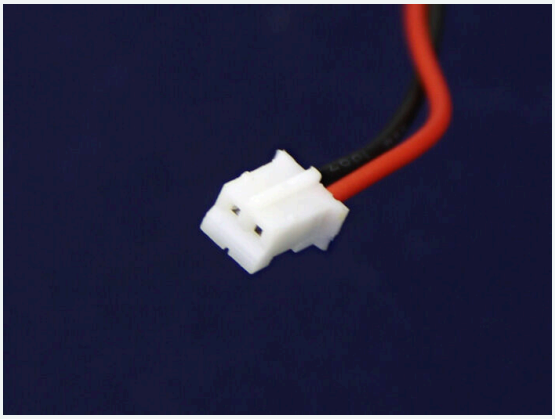
Documents

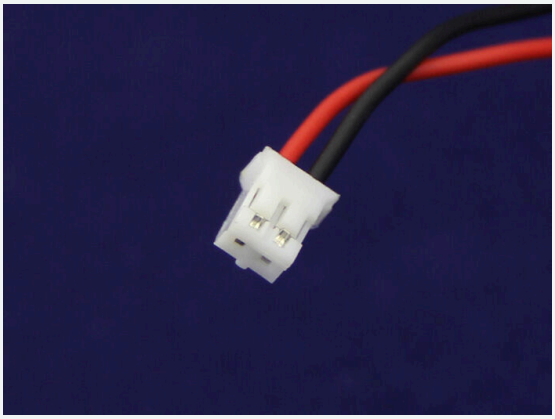
- **PL805050P 2200mAh 1S1P**
- **UN38.3 Test Report**
- **CE Test Report**
- **Verification of EMC Compliance**
- **Cargo Transportation Test Report by Air**
- **Cargo Transportation Test Report by Sea**

Product Gallery









Compliance & Logistics

HSCODE	8507600090

Resource Links

- https://www.seeedstudio.com/Polymer-Lithium-Ion-Battery-2200mAh-3-7V-p-1709.html

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