$0.80
US $0.80 / piece Plus Product Applicable

5.7V 7V 9V 2A DC-DC Step Up Boost Module 18650 Lithium Battery Charging Discharging Board Type-C DC Booster Converter Module

4.8 ★★★★★ (10 Reviews) | 800+ sold

Customer Reviews (10) | **8 Specifications** | Description | Store | More to love

Reviews | 4.7 ★★★★★ (10 ratings) **All from verified purchases**

Compatibility: Fully compatible 80% | Application scope: Large 60% | Functionality: Fast 80%

All ratings | US 8% | 🇺🇸 US 8% | ☐ (0)

Sort by default | Show original language

★★★★★
Isaac k.
2024-09-04 Asia

Helpful (0) ···

★★★★★
Thank you!
2025-06-26 Asia

Helpful (0) ···

★★★★★
Well packaged and does exactly what it should. I'll buy from fyd again.
2024-04-25 Asia

Helpful (0) ···

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Related items

Specifications

High-concerned Chemical	None	is_customized	Yes
Operating Temperature	n/a	Dissipation Power	n/a
Supply Voltage	n/a	Application	Computer

View more

Description

Report Item / Suspicious Activity

Excellent performance super small lithium charging booster module

Ultra-thin and ultra-mini design
Adjustable output voltage
Adjustable output voltage with boost
Optional Whether to use battery protection

Product characteristics and parameters

- Up to 1A programmable boost charging current
- Input voltage: 2.5V-5.5V, output voltage: 5V-7V
- Constant current/constant voltage charging, with overtemperature protection
- Soft start limit surge current, with battery backconnection protection
- Support battery charging and discharging battery life
- Charging status dual output, no battery and fault status display
- OV activation,2.5V trickle charging
- Operating temperature -40~80 °C
- Input voltage range 4.2V~6.5V
- Output voltage adjustable from 4.2V-20V
- Maximum power: 5W

Self-charging current setting

The module can set the charging current by itself, refer to the following method, no technical support is provided

Change the resistance value of the resistor in the circle on the left to change the charging current, the resistor package is 0603 Note that there is a risk of modification

Charging current limiting resistance R=1200/I (I is the current to be set)

Resistance value (K)	30	5	2	1.2
Charging current(mA)	50	250	580	1000

Charge indicator light description

The module can roughly judge the working state by two LED states, CHRG is red light, STDBY is blue light. When the battery is charged, the red light is on and the blue light is off. When the battery is fully charged, the blue light is on and the red light is slightly on. If there is a boost output, depending on the output power is different, it is possible to charge the red light - strength bright, not connected with no load. blue light, red light slightly

1 point

The module supports type-c interface input and solder joint input method and output the input. Choose one or the other. The recommended voltage is about 5V. The module is labeled with two outputs that are the same, and the lines are parallel, so you can choose one of the two. The two outputs are connected to the same circuit.
If your battery comes with a protection board, you can choose our package without discharge protection. After B+ and B- are connected to the battery, it must be short-connected to T point before charging and discharging.
If your battery does not take protection plate, choose the package with discharge protection, this is very important, because the battery discharge is likely to cause battery scrap, similar competitive products are mostly without discharge protection, please pay attention to the battery life, if the battery is not used for a long time, it is recommended to charge it.
After connecting the cable, you can use the screwdriver to adjust the output voltage you want

Battery selection is 3.7V lithium battery, full voltage is 4.2V, battery type can be 18650, polymer battery.

Product size

18.00
10.00
2.50
2.50
2.50