



Instruction Manual



Definite instructions from LED lights.



Auto-measurement capacity.



Anti-skid design on both side.



Delicate design, being portable.



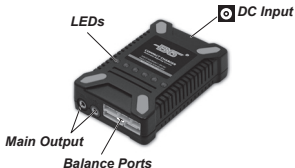
Implant High-powered MPU.



Plug and Play and convenient.

Product Introduction

Thank you for purchasing iMaxRC B6 Compact Easy balance charger. This charger is compact and light, which can only charge 2s,3s,4s,5s,and 6s Lipo battery pack, especially there port separated corresponding balance port for each battery pack. Before using it, please read the user manual carefully.



Specifications

Operating voltage range: DC11.0~18.0Volt

Charge power: 50W

Charge current range: Charging process will estimate battery capacity continually and charge current is set to maxim but less than 5 A

balancing current: 200mA/cell

Lipo cell count: 2~6 series

Dimensions: 115x75x28 mm

Charging Operating

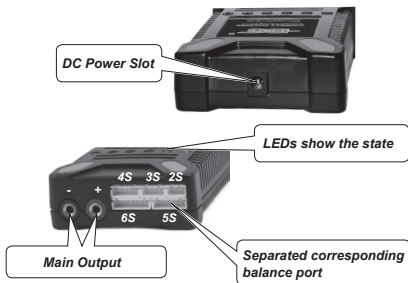
1

Insert the power supply, the buzzer rings half a second, all the

lights are green color show that the charger boot normally, waiting for the battery inserted.

After the rechargeable battery inserted correctly, the corresponding light become red color and start charging.

After charging period of time, if all lights change to orange color, it shows the battery capacity has reached to 90% above, when if all lights change to green color, it explains that the battery has already full. And the buzzer rings every minute, until the battery is took off.



2

Connect the proper Lipo battery(2~6 cells) with charger as following:



3

When the battery and charger are connected as above, the charger will get into the charging program automatically, the charging current is automatically set by charger. Please Note: if the battery and charger are connected incorrectly, Insert wrong (against the right direction), the charger will not begin to charge and send an alert (buzzer rings, light flashes).

4

6 indicator lights correspond to the cells inserted separately. The indicator light corresponding to the port no cell being charged turns green, while the indicator light corresponding to the port with cell being charged turns red. When one cell is fully charged, the corresponding indicator light will turn green.

Features

1. New technology, automatic detection of battery capacity, regardless of the size of the capacity of the battery, take the most appropriate current to charge the battery faster until the battery is fully charged.

- 2. High accuracy, when the battery is fully charged, the voltage of each cell is: $\text{LiPo}(4.20 \pm 0.01\text{V})$.*
- 3. Easy to use and operate.*
- 4. The charging state of each cell is clearly showing.*

Fault description

- 1.. If the indicator light is red and blinks, please check if the balance port is connected completely, and check if the functions of cell which correspond to this indicator is good. (Please Note: when the indicator blinks red, this state must be reset by cutting off power, so when the indicator blinks red, firstly please check whether the corresponding cell is normal and the balance port is connected well, if both of them have no problem. Then go to cut off power for a while, and turn on power to recharge.*
- 2. The input voltage is too high (more than 18V), the red lights is rolling in the middle and send out sharp sound.*
- 3. The input voltage is too low (less than 11 V), the green lights is rolling in the middle and send out the sharp sound.*
- 4. After a battery connected, if the voltage of which cell is too high, the corresponding light will blink (between red and green colors) while other lights are green color, and sent out the sharp sound.*
- 5. After a battery connected, if the voltage of which cell is too low, the corresponding indicator will blink (between red and green colors) while other lights are red color, and sent out the sharp sound.*
- 6. Other errors, such as insert the balance port in the wrong direction, disconnect the main charging mouth during charging processes suddenly, etc. Then all lights flashing between red and green colors, and send out the sharp sound.*

Connecting with adapter

The minimum power of the adapter requires more than 50 W and the voltage should be between DC11 ~ 18V.

*iMaxRC Recommended adapter: iMaxRC 12V 5A power adapter
(for imaxrc B6 series adapters)*

Chargers accessories



Caution

- 1. Always refer to battery specifications before using the charger.*
- 2. Please notice the positive and the negative while charging and using battery packs.*
- 3. The main cable and balance cable should be connected well as the picture suggests, or the charger will get damage.*
- 4. Never leave the working charger unsupervised.*
- 5. Never let children operate the charger without supervision from an adult.*
- 6. Use the charger in a well-ventilated area, away from people and electrically conductive or inflammable materials.*
- 7. The charger can become hot during use. Take great care before handling it.*

8. If the battery has suspicious reactions during the charge or discharge, such as overheating, venting or leaking , immediately disconnect the battery and store it in a safe location, away from people and inflammable materials.

9. If any unusual happened to the charger being powered , stop charging and check the manual immediately.

10. Keep the charger well away from dust, damp, rain, heat, direct sunshine and vibration. Never drop it.

11. Operate the charger during the allowable input voltage.

12. The charger and the battery should be put on a heat-resistant, noninflammable and nonconductive surface. Never place them on a car seat, carpet or similar. Keep all the inflammable, volatile materials away from operating area.

13. Make sure your battery meets the requirements of the charger.

14. People who have no idea about the charger never try to use it. We are not responsible for damage to people caused by all kinds of reasons, and fire disaster caused by chargers. Please operate safety.

