C3

Manual V1.0
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ToolkitRC

www.toolkitrc.com

ToolkitRC Technology (Shenzhen) Co. Ltd

Introduction

Thank you for purchasing the C3 balance charger, please read this manual carefully before use.

Key Points

 Tips  Important  Information

Further information

To ensure you have the best experience with this product, please to stay up to date with news, information and firmware updates for your charger; this information could be found at www.toolkitrc.com/C3

Safety

1. C3 allows input voltage of AC 100-240V. Ensure the charger is only connected to a suitable AC power outlet.
2. Do not use this product in hot, humid, flammable or explosive environments.
3. Please do not use this charger without supervision. Never leave charging batteries unattended.
4. When not using this product, please unplug the input power.

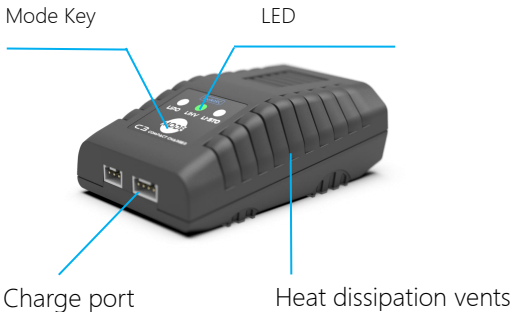
Contents

Product description

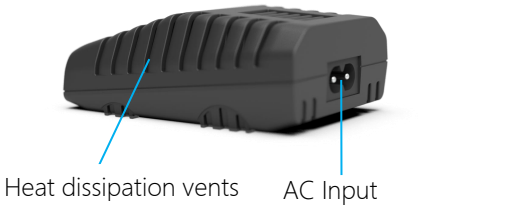
The C3 is a compact balance charger; despite the small size, the C3 has a maximum output of 25W! Featuring an intuitive user interface and a LED display, the C3 is a capable, bring-anywhere charger!

- Charge and balance management of LiPo, LiHV, 2-3S batteries.
- Voltage input AC 100-240V.
- Charging current: 2.2A @2S，1.5A@3S
- Charging accuracy: <0.01V.
- Balance current: 200mA.
- LED State display.
- Balancer Plug and Play.

C3 Layout



Front

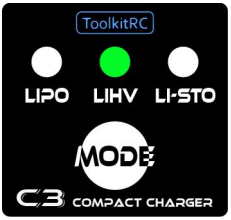


Back

Quick start

1，Connect the C3 to a suitable AC 100-240V to power outlet.

2，After booting up, the LED shown below:



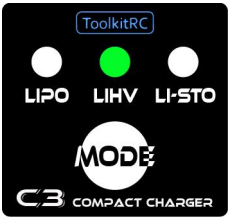
3，Short press [MODE] key to select the battery type.

4，Connect battery to balance port, when voltage match, the C3 will automatically start charging.

Charging settings

1， Battery type setting

Press [MODE] key to select battery type, When the battery is connected, it is recognized that the battery is normal and starts charging, and the indicator LED turns red. The indicator turns green after full charge



Different battery chemistries have different cutoff voltages. Please refer to the following table as reference, and verify with your battery manual:

4.20V	Lipo
4.35V	LiHv
3.85V	Lipo-Storage

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Important:

1, Ensure the correct battery type has been selected prior to charging. An incorrect choice may damage the battery and/or become a fire hazard. Please use caution.

2, Do not use this product to charge non-compatible battery chemistries.

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Nomenclature:

1, Lipo: Often referred to as a lithium polymer battery, a battery with a nominal voltage of 3.70V and 4.20V when fully charged.

2, LiHV: Often referred to as a high-voltage lithium battery, a battery with a nominal voltage of 3.85V and 4.35V when fully charged.

3, Li-Storage: It is often called storage charging, and the battery voltage remains at 3.85V after charging and discharging

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Specification

Charge	Input	AC 100-240V MAX 25W
	type	LiPo LiHv LipoStorage 2-3S
	Charging power	2.2A@2S 1.5A@3S
	Balance current	MAX 200mA @4.20V
	Charging accuracy	<0.01V @4.20V
Display	LED	Green:Stanby/Full RED:Charging
Product	Size	91*58*30mm
	Weight	100g
Individual packing	Size	95*64*58 mm
	Weight	160g