C4

Manual V1.0
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ToolkitRC

www.toolkitrc.com

ToolkitRC Technology (Shenzhen) Co. Ltd

Introduction

Thank you for purchasing the C4 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/C4

⚠ Safety

1. C4 allows input voltage of AC 100-240V. Ensure the charger is 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.
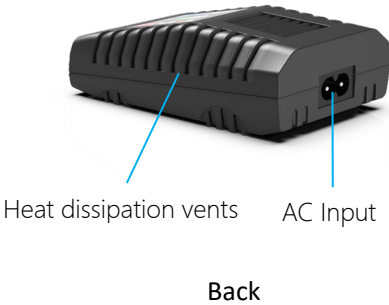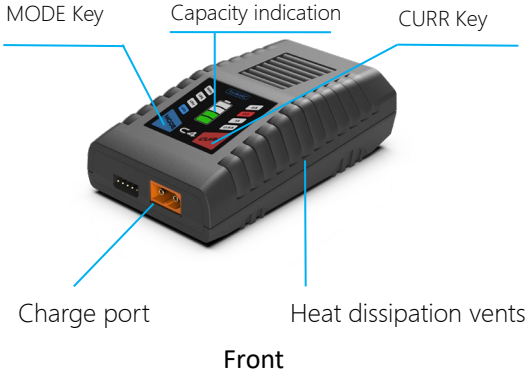
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Product description

The C4 is a compact balance charger; despite the small size, the C4 has a maximum output of 50W! Featuring an intuitive user interface and a LED display, the C4 is a capable, bring-anywhere charger!

- Charge and balance management of LiPo, LiHV, LiFe 2-4S batteries. NiMh 5-8S

- Voltage input AC 100-240V.

- Charging current: 0.5A / 1.0A / 2.0A /4.0A Optional

- Charging accuracy: <0.01V.

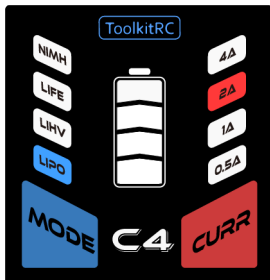- Balance current: 400mA.

- LED Capacity indication：25% 50% 75% 100%.

C4 Layout

MODE Key   Capacity indication   CURR Key

Charge port   Heat dissipation vents

Front

Heat dissipation vents   AC Input

Back

Quick start

1，Connect the C4 to a suitable AC 100-240V to power outlet.

2，After the unit boots up, the initial LED status is shown below:

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

4，Short press [CURR] key to select the current.

5， Connect battery to balance port, when using a Lithium-based (LiXX) battery, charging will start automatically once the self-checking process has been completed.
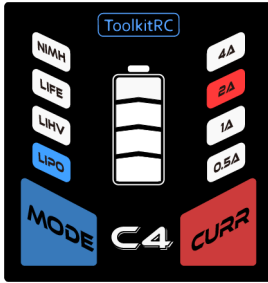
*For NiMH batteries, press and hold the MODE key for 2 seconds to start charging. The 4 status LEDs will flash when charging and stay illuminated when charged.

6. When all 4 bars on the status LED stay illuminated, charging is complete and the battery may be removed

Charging settings

1，Battery type setting

Press [MODE] key to select battery type, Press [CURR] key to select charge current, the charging process will start after the battery is connected and the battery status is verified; The capacity indicator will blink when charging is in progress.

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
3.60V	LiFe

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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, LiFe: Often referred to as an iron-lithium battery, a battery with a nominal voltage of 3.30V and 3.60V when fully charged.

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Specification

Charge	Input	AC 100-240V MAX 55W
	type	LiPo LiHv LiFe 2-4S NiMh5-8S
	Charging power	MAX 50W 4.0A
	Balance current	MAX 400mA @4.20V
	Charging accuracy	<0.01V @4.20V
Display	LED	25%，50%，75%，100%
Product	Size	106*64*35mm
	Weight	165g
Individual packing	Size	115*70*58mm
	Weight	220g

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