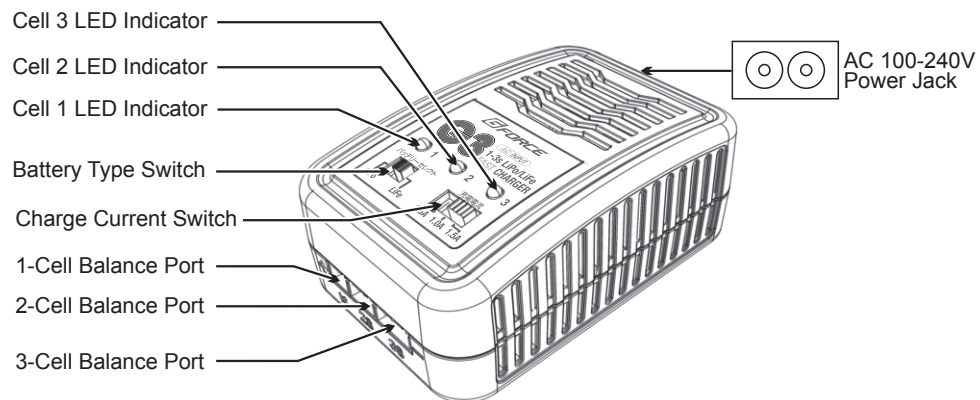


INTRODUCTION

Thank you for your choice of the G-Force G3, 100-240V AC balance charger. This unit is simple to use but its operation does require some knowledge on the part of the user. Please read this entire operating manual completely and attentively before using this product, as it covers a wide range of information on operating and safety.

G-Force G3 Charger is an economic, high quality 100-240V AC balance charger, designed for charging LiPo and LiFe batteries from 1 to 3 cells in balance mode. The circuit power is 15W and max charge current can reach to 1.5A. There are three kinds of charge current 0.5A/1A/1.5A that can be selected. You could select the proper charge current according to your battery capacity.



CHARGE PROCEDURES

G-Force G3 comes with the built in power supply. You can connect the AC power cord to the AC socket (100-240V AC) directly.

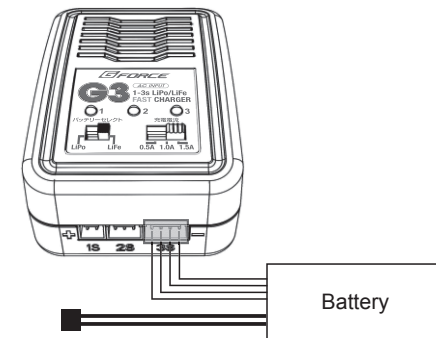
Please refer to following steps to charge the battery,

- 1) Insert the AC power cord into the charger.
- 2) Insert the AC cord into a wall socket (100-240V). All LEDs will light green and flash red to indicate the charger is ready to charge.
- 3) Select the battery type LiPo/LiFe by the slide switch.
- 4) Select the proper charging current 1A/2A/3A by the slide switch.
- 5) Connect battery balance wire to balance port which is in front side of the charger, after 2 seconds, the charger detects the voltage of the battery and starts to charge.
- 6) The charger starts charging. The LEDs will glow constant red. If the battery pack is 2-cell, Cell 1 and Cell 2 LEDs will glow constant red; if the battery pack is 3-cell, Cell 1, Cell 2 and Cell 3 LEDs will glow constant red.

- 7) When a cell is completely charged, its corresponding LED will glow constant green. A 2-cell pack is fully charged when LEDs 1 and 2 are constant green. For 3-cell pack, all LEDs will glow constant green to indicate the pack is fully charged.
- 8) Unplug the battery from the charger and the charge status LED will stay green and flash red which indicates the charger is ready to charge another battery.

Remark:

- 1 If you unplug the battery while charging, the charger will stop charging automatically and enter into standby status.
- 2 If the charger encounters overload or short circuit while charging, the charger will stop charging and three LEDs will flash red.



CONNECTION DIAGRAM

CAUTION:

This diagram shows the correct way to connect your battery to the G3 charger while charging in balance mode. Failure to connect as shown in this diagram will damage this charger.

EXPLANATION OF LED STATUS

LED Indicator	Charger Status
LED stays green and flashes red.	The charger is ready to charge.
LED glows constant red.	The charger is charging.
LED glows constant green.	The charging process finishes.

* Error Message

If the charger encounters a problem, all LEDs will flash red to alert you the errors. In this case, please disconnect the power cord from the wall socket and unplug the battery from the charger.

LED Indicator	Cause of Error
All LEDs flashes red 1 time and stop 1 second in cycle.	The battery connects incorrectly.
All LEDs flashes red 2 times and stop 1 second in cycle.	The charger encounters overload or short circuit.
All LEDs flashes red 4 times and stop 1 second in cycle.	The voltage of single cell is too high or too low.
All LEDs flashes red 5 times and stop 1 second in cycle.	The user charges battery type in charging process.
All LEDs flashes red 6 times and stop 1 second in cycle.	There is a 300mv difference of voltage between battery pack.

SPECIFICATION

AC Input	100-240V, 50-60Hz
Battery Type	LiPo/LiFe
Cell Count	1-3 cells
Charge Current	0.5A / 1.0A / 1.5A \pm 10%
Circuit Power	15W \pm 10%
Dimension	88x57x35mm
Weight	100g



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