

# REEDY POWERED

## 123-S COMPACT BALANCE CHARGER

### OWNER'S MANUAL

#27202

Congratulations on your purchase of the Reedy 123-S Compact Balance Charger.

Easy to use and in a compact package, Reedy's 123-S is specifically designed to charge LiPo batteries in 2-3S configurations making it suitable for a variety of applications.

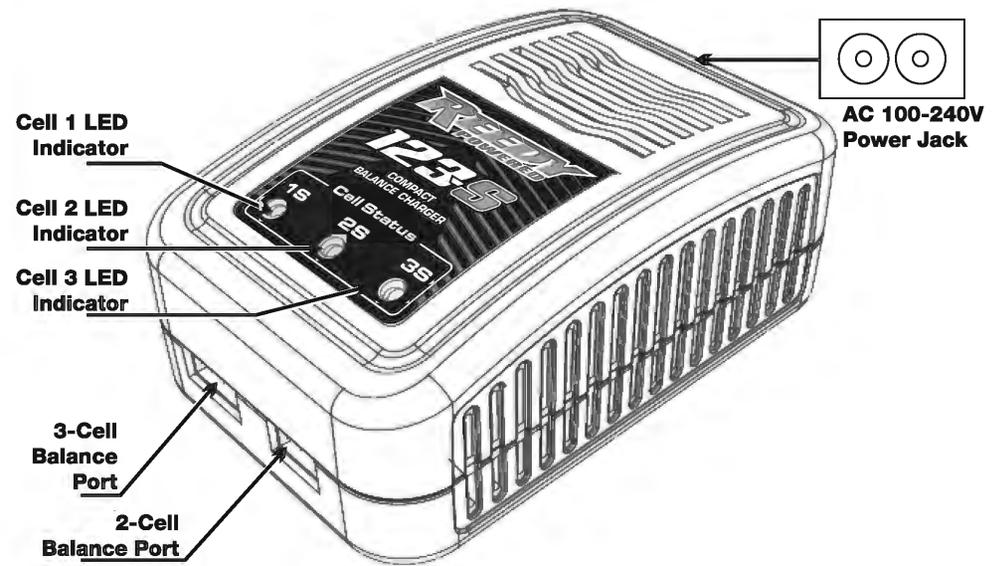
**Please read the following instructions before operating your charger for the first time.**

## FEATURES

- AC 100-240V power input
- LiPo 2-3S compatible
- LED charge status indicators
- XH charge port
- Reverse and short-circuit protection
- Compact size

## SPECIFICATIONS

AC Input	100-240V, 50-60Hz	
Circuit Power	15W	
Battery Type	2S -3S LiPo	
Charge Rate	2S LiPo	1.2A
	3S LiPo	1.0A
Dimensions (mm)	88 x 37 x 35	
Weight (g)	103	
Charge Connector	XH	



## SAFETY PRECAUTIONS

This product is a sophisticated hobby product and not a toy. It must be operated with caution and common sense. Failure to operate this product in a safe and responsible manner could result in injury or damage to the product or property. This product is not intended to be used by children without direct adult supervision. It is essential to read and follow all instructions and warnings found in this manual prior to installation, set up, and use, in order for the product to operate properly and to avoid damage or injury.

## WARNINGS

- **ALWAYS** observe warnings, cautions, and instructions included with your battery.
- **NEVER** charge a battery that is swollen or appears damaged in any way.
- **NEVER** charge any battery type other than LiPo or LiFe. This charger is not compatible with lithium ion, NiMH, NiCd, or lead acid batteries.
- **ALWAYS** place the battery and charger on a heat-resistant, non-flammable, and non-conductive surface away from flammable materials and volatile materials.
- **ALWAYS** place the battery in a fireproof container during the charging process.
- **ALWAYS** double-check all connections prior to starting the charging process.
- **NEVER** leave the charger unsupervised during use. If any malfunction is observed, immediately terminate the charging process.
- **ALWAYS** remove the battery from the charger and unplug the charger from the wall when not in use.
- **NEVER** leave the battery plugged into the charger when the charger is unplugged from the wall
- **NEVER** unplug the charge lead from the 4mm Battery Sockets while the battery is still plugged into the charge lead.
- **NEVER** use a damaged charger, AC power cord, or charge lead.
- **ALWAYS** keep the charger away from moisture, dust, heat, direct sunlight and vibration. Do not drop it.

## CONTENTS

1. Reedy 123-S Charger
2. AC Power Cord



## POWERING YOUR CHARGER

Insert the AC power cord into the charger, place the charger on a non-flammable surface, and then plug the AC power cord provided into an appropriate wall socket. When plugged in, all LEDs will light green and flash red at four second intervals indicating that the charger is ready to use.

## CHARGING PROCEDURE

1. Connect the battery to the charger by plugging the battery's balance lead into the charge port using the 2S port for 2S batteries and the 3S port for 3S batteries. Place the battery in a fireproof container on a non-flammable surface.
2. The charge process will begin automatically, indicated by red Cell Status LEDs. When a 2S battery is connected, only 1S and 2S will illuminate. When a 3S battery is connected, all three LEDs will illuminate.
3. When the charging process is completed, the Cells Status LEDs will turn green. The charging process can be stopped at any time by removing the battery from the charger.
4. Disconnect the battery from the charger and start the charging procedure again to charge another battery or to re-charge your battery.
5. Unplug the charger from the wall socket when not in use.



**CAUTION! NEVER LEAVE THE CHARGER AND BATTERY UNATTENDED DURING THE CHARGING PROCESS.**

## LED CHARGE STATUS

Determine a battery's charge status by viewing the Charge Status/Cell Status LEDs.

LED CHARGE STATUS		
Charge Status LED	Green/Red blinking	Ready to charge
	Red solid	Charging
	Green solid	Charging process complete

## LED ERROR STATUS

If the charger detects an error, a code will be displayed by the Charge Status/Cell Status LEDs.

LED Status	Error Message	Solution
All flash red once in one second intervals	The battery is connected incorrectly	Re-connect battery correctly
All flash red twice in one second intervals	The charger is overloaded or has encountered a short circuit	Stop using the charger and return for repair
All flash red four times in one second intervals	The voltage of a single cell is above or below the limit	Discontinue use of the battery
All flash red six times in one second intervals	Individual cell voltages differ by more than 300mV	Discontinue use of the battery

## WARRANTY

Your Reedy 123-S Compact Balance Charger is warranted to the original purchaser for 90 days from the date of purchase, verified by the sales receipt, against defects in material and workmanship. Product that has been mishandled, abused, used incorrectly, used for an application other than intended, or damaged by the user are not covered under warranty. Associated Electrics Inc. is not liable for any loss or damage, whether direct or indirect, incidental or consequential, or from any special situation, arising from the use, misuse, or abuse of this product.



Associated Electrics, Inc. declares that this product complies with the essential requirements and other relevant provisions of the European directive 2014/30/EU.



The crossed-out wheeled bin means that within the European Union, this product must be taken to a separate waste collection facility at the product's end of life. Do not dispose of this product as unsorted municipal waste.

Made in China



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