

INSTRUCTION MANUAL

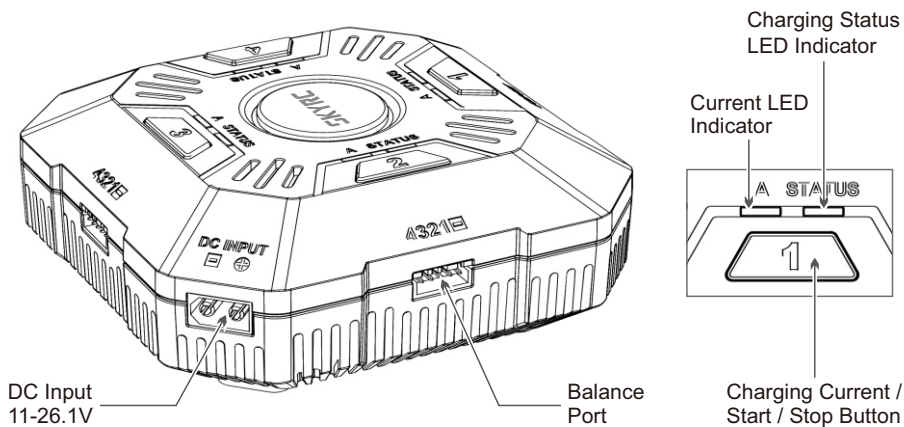
e4Q MULTI CHARGER

SKYRC
SK-100140

INTRODUCTION

Thank you for your choice of the SKYRC e4Q Multi 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.

SKYRC e4Q Multi Charger employs the circuit that features four totally independent but identical power outputs which are powered 50W each. It is designed for charging 2-4 cells LiPo battery. Insert the battery lead to the right connector in each port, the charger will charge 4 batteries at the same time. And the charging current can be adjusted from 2A/3A/5A by push button, the charging capacity and charging current can be displayed in the LED Indicators by color variation.



SAFETY NOTE

Improper usage may lead to fire, property damage and physical injury.

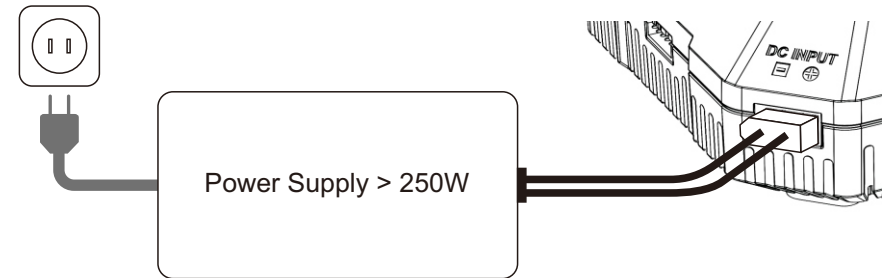
- Never leave the charger unattended when it is connected to its power supply. If any malfunction is found, **TERMINATE THE PROCESS AT ONCE.**
- Place the charger and battery on a non-flammable surface, and keep away from inflammables.
- Never charge swollen, leaky, or damaged batteries.
- Batteries shall be charged within a temperature range of 5-40°C.
- **DO NOT** leave batteries out in the rain or near a source of moisture.
- Disconnect the battery and charger once charging finished.

FEATURES

- Four independent ports can be used at the same time
- Adjustable charging current 2A/3A/5A
- LED and audible sound indicate charging status
- LED displays charging current and battery capacity by color variation
- DC power input
- Efficient ventilation and compact size
- Maximum protection: short circuit protection; over current protection; battery reverse polarity protection and DC input voltage protection;

CHARGE PROCEDURES

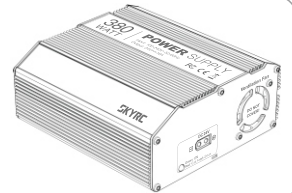
1. Connect the charger to DC power supply.



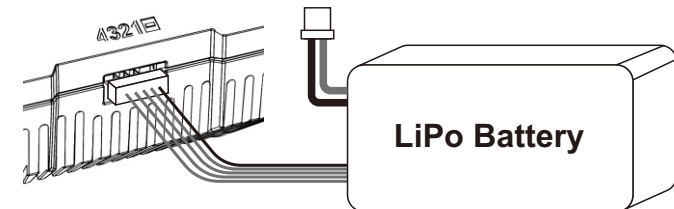
Important Notice

To take advantage of e4Q's full power capability, the power source should be 11-26.1V DC, and output power should be capable of 250W or higher.

Low quality DC power source may damage your e4Q charger. We recommend you to choose SKYRC 380W Power Supply.

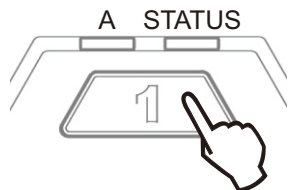


2. Insert the battery balance lead to the balance port.



3. Press the button to select the charge current.

LED Color	Current
Green	2A
Orange	3A
Red	5A



4. Press and hold the button for 3 seconds to start charging process. The status LED will be blinking with long beep.

5. During the charging process, the status LED color will be changed from red to green.



6. Press the button during charging process to stop charging. The status LED will turn off.

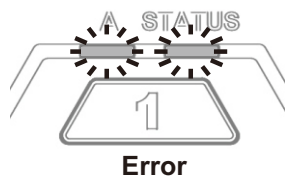
7. When the charging process is finished, the status LED turns green and blinks 5 times with audible sound. And the status LED stays green.

8. Remove battery from the charger.

ERROR MESSAGE

When there is an error, two LEDs will blink red. Please check connection between battery and charger.

If the voltage of the battery is too low(<3.0V/cell), the error message will appear also.



SPECIFICATION

DC Input:	11-26.1V	Battery Connector Type:	XH Connector
Charge Circuit Power:	4 x 50W ±10%	Working Temperature:	5-40°C
Charge Current Range:	2A/3A/5A	Net Weight:	280g
Battery Type:	2-4S LiPo	Dimension:	128x128x50.5mm

CONFORMITY DECLARATION

The e4Q satisfy all relevant and mandatory CE directives and FCC Part 15 Subpart B: 2016.

For EC directives:

The product has been tested to meet the following technical standards:

	Test Standards	Title	Result
CE-EMC	EN55014-1: 2006+ A1: 2009+A2: 2011	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission	Conform
	EN55014-2: 1997+ A1: 2001+A2: 2008	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity Product Family Standard	Conform
FCC-VOC	FCC Part 15B	Title 47 Telecommunication PART 15 - RADIO FREQUENCY DEVICES Subpart B - Unintentional Radiators	Conform



This symbol means that you must dispose of electrical from the general household waste when it reaches the end of its useful life. Take your charger to your local waste collection point or recycling centre. This applies to all countries of the European Union, and to other European countries with a separate waste collection system.

WARRANTY AND SERVICE

Warranty and service

We guarantee this product to be free of manufacturing and assembly defects for a period of one year from the time of purchase. The warranty only applies to material or operational defects, which are present at the time of purchase. During that period, we will repair or replace free of service charge for products deemed defective due to those causes.

This warranty is not valid for any damage or subsequent damage arising as a result of misuse, modification or as a result of failure to observe the procedures outlined in this manual.

Note:

1. The warranty service is valid in China only.
2. If you need warranty service overseas, please contact your dealer in the first instance, who is responsible for processing guarantee claims overseas. Due to high shipping cost, complicated custom clearance procedures to send back to China. Please understand SkyRC can't provide warranty service to overseas end user directly.
3. If you have any questions which are not mentioned in the manual, please feel free to send email to info@skyrc.cn



Manufactured by
SKYRC TECHNOLOGY CO., LTD.
www.skyrc.com 7504-1047-01