

# INSTRUCTION MANUAL

## QUATTRO MICRO BATTERY CHARGER

**SKYRC**  
SK-100079

### INTRODUCTION

Thank you for your choice of the SKYRC Quattro Micro Battery 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 Quattro Micro Battery Charger employs the circuit that features four totally independent but identical power outputs which are powered 4W each. It is designed for charging single cell LiPo. 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 0.1-1A by dial, the charging capacity and cell voltage can be displayed in each 4-digit LED Indicators.



## FEATURES

- Four independent ports can be used at the same time
- Four different kinds of battery connectors in each port
- Four independent functioning charging circuits
- Four independent 4-digit LED displays current and capacity
- LED and audible sound indicate charging status
- Adjustable charging current from 0.1-1A
- AC/DC Dual Power Input
- Efficient ventilation
- Maximum protection: short circuit protection; over current protection; battery reverse polarity protection and DC input voltage protection

## CHARGE PROCEDURES

### Getting Started

When using 12V lead acid battery,

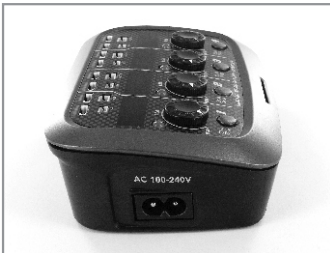


Using DC cable attaching to car battery



When using AC power source

1. Insert the AC power cord into the charger.
2. Insert the AC power cord into a wall socket (100-240V).



3. When the charger is powered on, 4 status LEDs will blink once with one beep and all 4-digit LED Indicators will display 8888. After that, 4 LEDs will extinguish and all 4-digit LED Indicators will display the charging current which indicates the charger is ready to charge.

Caution: Each charging port can only charge one kind battery at same time.

## OPERATING

Insert the battery lead to the right battery connector.

*Note: Please make sure insert the battery polarities correctly.*

Select the charging current (0.1-1A) by rotating the dial.

*Note: You are not able to adjust the charging current during charging process.*

Press and hold START/STOP button for 3 seconds to start charging process. The related status LED will turn red with long beep.

During the charging process, the 4 digital LED will display charging capacity, battery voltage and charging current circularly.



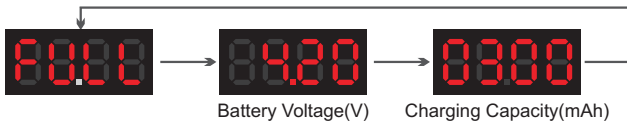
The LED will stay red during the whole charging process.

Press and hold START/STOP button for 3 seconds during charging process to stop charging.



7. When the charging process is finished, the status LED turn green and blinks 5 times with audible sound. And the status LED stays green and the 4-digital LED will display "FULL".

*Note: At this time, if you press the "START/STOP" button once, the 4-digital LED will display "FULL", battery voltage and battery capacity circularly.*



## 4 DIGITAL LED MESSAGE DISPLAY

0135 Charging Capacity(mAh)

4.19 Battery Voltage(V)

0.12 Charging Current(A)  
(0.10-1.00A)

FULL Status: Charging process finish.

## ERROR MESSAGE

When there is an error, the LED will blink red twice per second with audible sound. After ten times of blink, the read LED will stay on and the 4-digit LED will display the error code,

Error Code	Error Message
-11-	Dead cell or voltage of cell is too high or too low for safe charging.
-22-	The battery polarity is connected incorrectly.
-33-	The battery connection is wrong.
-44-	Short circuit or over current in the battery.
-55-	The DC input voltage is too high or too low.

## SPECIFICATION

AC Input	100-240V
DC Input	11-15V
Charge circuit power	4X4W $\pm 10\%$
Charge current range	0.1-1.0A $\pm 10\%$
Battery type	4X1 cell LiPo
Battery connector type	Micro / Micro Reverse/ MX / mCPX
Working temperature	0-50°C
Net weight	280g
Dimension	132x100x50mm

## 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.

For any repair or replace service, please contact your dealer in the first instance, who is responsible for processing guarantee claims. 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.



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