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## Braille 12 Volt Lithium Charger

SKU # 1236L

6 AMP HOUR electronically controlled Rapid Recharger

*For use with Braille 12V Lithium Batteries*



## 1. Features:

- a. Short circuit protection, charge output not active and will not spark if touched together
- b. Overload protection, current-limited
- c. Reverse polarity protection, connecting battery in reverse does not damage charger
- d. Automatic multi-rate charging, CCCV profile
- e. 2 LED display, LED1 Red (power on), LED2 Red (charging) and Green (full)
- f. Low voltage protection, charger does not start if battery's voltage is too low

## 2. Operation:

- a. Connect charger to 110VAC / 220VAC wall socket
- b. Turn on power switch on back panel
- c. Connect DC output cord to battery terminals
- d. When LED2 turns green, battery is fully charged

## 3. Notes:

- a. Charger will make clicking sounds when battery is almost fully charged, this is normal and can last a few minutes
- b. Designed for Braille 12V lithium racing batteries only, not for charging any other type of battery.
- c. Always place the charger in a well ventilated and dry environment
- d. The charger's aluminum housing is the heat sink, don't cover it, or the fan opening
- e. External Fuse on DC output side is unused and not active
- f. To calculate charge time you must take the battery amp hour and divide it by the Charger Amp hour output which will equal the amount of time to full charge based on a 0% level of the battery. Example: (10 amp battery ÷ 2 amp charger = 5 hours to full charge from 0%)

## Charger Specifications

**Model: 1236L**

### DC Output

DC output voltage, nominal: 12V

DC output current, maximum: 6A

### AC Input

AC input voltage range: 90-132VAC

AC input voltage-nominal: 110VAC/220VAC

AC input frequency: 50-60Hz

### Mechanical

Dimensions: 5.5 x 3.5" x 2" (140 x 90 x 50mm)

Net weight: 2.5lbs (1.13kg)

Operating Temperature: 14F-113F (-10C-45C)

Storage Temperature: -40F-158F (-40C-70C)

AC input: US plug, EIC320/C13 connector, 1.5 meter

DC output: Alligator clip, 1.5 meter

### Regulatory

Safety standard: CE listed, UL compliant

Safety-Europe: EN60335-2-29:2002

### Packing List

1x charger; 1x user manual; 1x AC power cord