

# User Manual

The Advance **12 Bay Battery Charger**  
the most advanced Li-Ion charger available.



**ADVANCE**TEC  
INDUSTRIES INC

[www.advancetec.com](http://www.advancetec.com)



Batteries not included





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**Congratulations on your purchase of the AdvanceTec 12 Bay Battery Charger, the most advanced Li-Ion charger available.**



## ■WARNING

**This unit is designed for use with Li-Ion batteries only. The use of this unit with any other battery chemistry may result in damage or fire.**



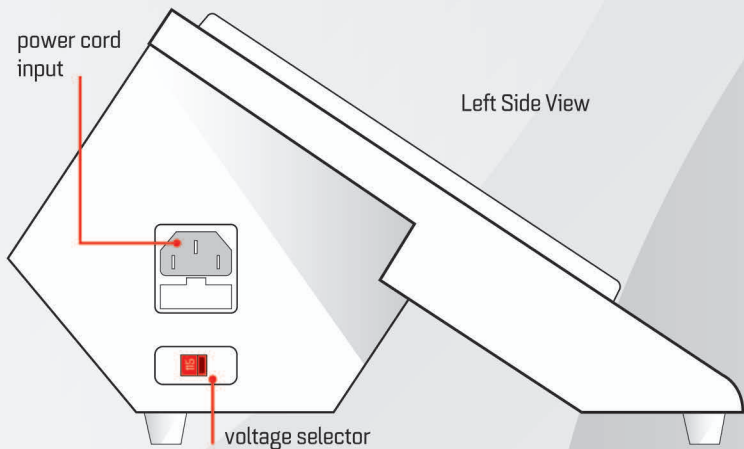
## ■ INSTRUCTIONS / SET UP

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1. Remove the power cord from shipping carton. Retain shipping carton for further use should you need to ship the charger to another location, or for service.
2. Confirm that the power switch on the left side of the charger is set to the correct voltage **(110v or 220v)** and plug the power cord into the charger, and into a wall outlet.
3. With the charger attached to a power source the LED will flash Red indicating that the charger powered and waiting for a battery to be installed.
4. Place batteries on the adapters. The LED will change to flashing Green.
5. Once the charging cycle is complete the LED will change to Solid Green.
6. If the LED flashes alternate Green then Red, this is an error indication that the battery may be defective and needs to be replaced. It is suggested that the battery be taken to your local dealer or Motorola® service center to have the battery checked.
7. If the LED flashes Yellow, this is an indication that the battery is out of temperature limit.



## Diagram 1



### ■WARNING

1. Do not short circuit the contacts on the charger adapters
2. Do not charge batteries other than the batteries for which the adapter has been designed.
3. The unit is a microprocessor controlled electronic device, which may be damaged if dropped or handled roughly.



## ■ SPECIFICATIONS

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■ A/C input:	110VAC +5% to -10%, 3A 220VAC +5% to -10%, 1.5A
■ Frequency:	50-60Hz.
■ Current out per bay:	800 mAh.
■ Output voltage:	8.4V ±0.4%
■ Operating battery temp:	0° C to +45° C
■ Storage temp:	-40° C to +85° C
■ Weight:	15 lbs.
■ Size:	10.40" x 18.11" x 6.57"

## ■ LED'S SUMMARY

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**Red Flashing** - Charger powered with no battery

**Green Flashing** - Battery charging

**Fast Flashing Green** - Battery charged to more than 95% of capacity.

**Green Solid** - Battery charge complete

Alternate **Green** then **Red** - Error in battery

**Yellow** - Battery out of temperature limit.

## ■ CHANGING ADAPTOR PLATES

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The charger is supplied with the battery adapters installed. However, if you need to replace the adapters simply unscrew the existing adapter plates and place the adapter on the charger taking care to align the connector on the adapter to the connector on the charger and install the two securing screws



## ■ WARRANTY

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Your charger product has a one-year limited warranty from date of purchase against defects in material and workmanship. Under this warranty, you may return a faulty product to AdvanceTec and AdvanceTec will either repair or replace the faulty product free of charge. To return a faulty product for repair or replacement, please call AdvanceTec in the USA at 305-623-3939 to obtain a Return Material Authorization number. If outside of the USA, contact your authorized AdvanceTec dealer for a Return Material Authorization. This warranty covers only defects in material or workmanship in normal use and not damage from negligent handling, misuse, charging of batteries other than those the charger was specified and designed to charge, or lack of proper care.

**Important: Opening of the charger will void this warranty.** This warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

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