
HOBBICO

SERIES 900 CHARGERS



900 AC/DC Auto-Charger and 905 AC/DC Multi-Charger

INTRODUCTION

The Hobbico **Series 900 Chargers** are designed to quickly and safely charge nickel-cadmium battery packs. These chargers operate wherever 110-120 AC and 12V DC voltage is available. Each comes with a 5 1/2-foot AC input power cord, a 3-foot DC input power cord, and a 24-inch output charge cord with a Kyosho Style Connector (Tamiya Adapter included). A Trickle Charge Mode will begin after the quick charge cycle to safely top off the battery pack. A precision 15-minute timer and powerful transformer insure a deep, long-lasting charge every time.

The Hobbico **Model 900 AC/DC Auto-Charger** is designed with the beginner in mind. It has *NO complicated or involved adjustments to make, or difficult procedures to follow.* You just plug in your NiCd battery and set the timer for 15 minutes. A powerful heavy duty transformer that will pump out charge after charge without ever overheating. A precision 15-minute timer, Trickle Pilot Light, and of course the popular Kyosho Style Connector with Tamiya Adapter are included. Best of all is the very affordable price.

Perfect for fast charging 6- and 7-cell NiCd battery packs wherever you are, the Hobbico **Model 905 AC/DC Multi-Charger** will fully and quickly charge battery packs in most R/C cars, boats, and airplanes in 15 minutes from a standard 110-120V AC wall outlet or a 12V DC auto battery. Powerful as well as convenient, its high current output will insure you many safe, full charges. Equipped with a Kyosho Style Connector and Tamiya Adapter.

*Model 900*

Model 900 **AC/DC Auto Charger**

1. 120V AC input Power Cord (5 1/2 ft.)
2. 12V DC input Power Cord (3 ft.)
3. Kyosho Style Output Charge Cord (24 in.)
4. Black Anodized Face **Plate**
5. Trickle Charge Light
6. Precision 15 Minute **Timer**
7. 1 Amp Fuse Holder
8. Tamiya Style Adapter

*Model 905*

Model 905 **AC/DC Multi-Charger**

1. 120V AC input Power Cord (5 1/2 ft.)
2. 12V DC input **Power** Cord (3 ft.)
3. Kyosho Style Output Charge Cord (24 in.)
4. Black Anodized Face Plate
5. Charge/Discharge Switch
6. Precision 15 Minute Timer
7. 1 Amp Fuse Holder
8. Tamiya Style Adapter
9. Accurate Easy-To-Read Ammeter

| Battery Capacity (mAh) | Charge Rate (amperes) | Charge Time (minutes) |
|------------------------|-----------------------|-----------------------|
| 1700 | 3.5 | 30 |
| 1500 | 3.5 | 20 |
| 1200 | 3.5 | 15 |

DISCHARGING:

Model 900

- Run the battery in your model until it slows to be sure it is discharged to the proper level.

Model 905

- Connect the Battery to the Output Connector (3)
- Move the Charge/Discharge Switch (5) to the **DISCHARGE** Cycle.
- Turn the Timer (6) clockwise to begin the Discharge Cycle
- Monitor the ammeter (9) closely When the current drops to 1.5 amps, the Battery is discharged to a safe level.

QUICK CHARGING:

WARNING:

NEVER LEAVE BATTERIES UNATTENDED DURING QUICK CHARGE

- Discharge the Battery Pack (*see Discharging instruction above*).
- Connect the Input Power, either 120V AC Cord (1) or 12V DC Cord (2)
- If you are using 12V DC, connect the red lead to the positive (+) terminal and the black lead to the negative (-)
- Connect the Battery to be charged to the Output Cord (3).

Model 905

- Move the Charge/Discharge Switch (5) to the **CHARGE** position.

Model 900, 905

- Set the Timer (6) to the desired amount of charge time.
- The Timer will automatically switch to Trickle Charge at the end of the quick charge cycle The Trickle Charge Light will glow at this time The Model 900 is equipped with a Trickle Charge Light to indicate when the charger is in the trickle charge mode
- If the Battery becomes warm to the touch, this is a good indication that it is fully charged
- You may periodically wish to let the Battery trickle charge for a few hours after quick charging. This will equalize the cells which increases capacity and run times.

- **Never** leave batteries unattended during quick charge!
- To give your batteries long life **never** overcharge them Overcharging can cause the cells to emit a great deal of heat and may damage the battery pack
- **Always** let your batteries cool before charging and after discharging.
- When charging with AC the chargers face plate will become warm This is due to the heat radiated by the transformer Let the charger cool after each cycle to protect it from overheating
- When replacing the fuse, **only use one of equal value (1 ampere)** Using higher rated fuses may damage the charger and void the warranty

HOBBICO SERIES 900 CHARGER FIVE-YEAR WARRANTY

HOBBICO warrants this **HOBBICO SERIES 900 CHARGER** to be free from defects in materials and workmanship for a period of five (5) years from the date of purchase During that period we will repair or replace at our option any charger that does not meet these standards You will be required to provide proof of purchase date (receipt or invoice)

If during the five year warranty period the **HOBBICO SERIES 900 CHARGER** shows defects caused by abuse misuse or accident it will be repaired or replaced at our option at a service charge not greater than 50% of the current retail list price The charger will be returned to you C O D

NOTE:

Under no circumstances will the buyer be entitled to consequential or incidental damages

Warranty coverage is subject to the following conditions:

1. Chargers **cannot** be modified in any way
2. Worn parts, due to normal use, such as wires, cords, fuses, and connectors are **not** covered
3. Damage resulting from reverse polarity connections of source or charging batteries is **not** covered

For service to your **HOBBICO SERIES 900 CHARGER**, either in or out of warranty, please include a written detailed description of the problem and return address Send the unit postpaid to

**Hobby Services, 1610 Interstate Drive, Champaign, IL 61821
(217) 398-0007**