



HobbyZone® Variable Rate DC Peak Detection Charger

This charger uses advanced peak detection circuitry that ensures a perfect charge every time and protects your Ni-Cd and Ni-MH batteries from the dangers of overcharging. It continually monitors the battery's charge curve and automatically stops charging when the peak charge is detected.

Once the battery pack has peaked, the charger automatically switches to trickle charge to maintain a full charge until you are ready to use the battery pack.

DC Peak Detection Charger Features

- Charges Ni-Cd and Ni-MH battery packs
- Variable charge rate from 0.3 amps–1.2 amps
- 12V input
- Trickle charge
- Automobile 12V power outlet DC adapter
- HobbyZone large battery pack connector
- Connector adaptor for 300mAh and 600mAh HobbyZone battery packs
- LED charge indicator

Supplying Power to the Charger

This charger is powered by connecting it to the 12V power outlet of an automobile.

Charging directions

1. Using the dial indicator on the front of the charger, set the charge rate as indicated in the chart below.

HobbyZone® Battery Pack	Maximum Charge Rate	Charge Time
900mAh 7.2 and 8.4V Ni-MH (Aerobird, Firebird XL, Fighterbird, Zig Zag Racer)	1.2 amps	40 minutes*
600mAh 4.8 and 6.0V Ni-MH (Firebird, Firebird II) <i>Requires connector adapter</i>	.8 amps	40 minutes*
300mAh 6.0V Ni-MH <i>Requires connector adapter</i>	.4 amps	40 minutes*

* Above charge times are only estimates. Actual charge times may vary.

2. Connect the battery pack to the charger. Use the connector adapter if indicated on the chart.
3. Connect the charger to the 12V power outlet of your automobile.
4. Charging is complete when the LED indicator stops flashing and glows steadily.

Note: Damage to the charger and battery pack will occur if you exceed the maximum charge rates recommended in the chart.

Safety Precautions

When charging, constantly monitor the temperature of the battery pack. Do not leave the battery and charger unattended while in use. Do not allow children to charge batteries unless they are supervised by an adult.

Warranty and Repair Policy

Your charger is guaranteed against workmanship and manufacturing defects for a period of one year from the original date of purchase. This warranty is limited to the original purchaser and is not transferable. Warranty repair will not cover units that have been modified, misused or serviced by an unauthorized service center. To speak to a service technician, call 1-877-504-0233.

If your charger needs to be repaired, ship the charger in its original box (freight prepaid) to:

Horizon Service Center
Attn: HobbyZone® Service
4105 Fieldstone Rd.
Champaign, IL 61822

Include your complete name and address and information inside the carton, as well as clearly writing it on the outer label/return address area. Include a brief summary of the difficulty. Date your correspondence and be sure that your name and address appear on this enclosure. Also, please include a phone number where you can be reached during the business day.

Warranty Repairs

To receive warranty service, you must include your original sales receipt verifying proof-of-purchase date. Providing warranty conditions have been met, your charger will be repaired free of charge.

Non-Warranty Repairs

Should your repair cost exceed 50% of the retail purchase cost, you will be provided with an estimate advising you of your options. Any return freight for non-warranty repairs will be billed to the consumer. For non-warranty repairs, please advise us of the credit card you prefer to use. Horizon Service Center accepts Visa and MasterCard. Please include your card number and expiration date. Horizon Service Center also accepts money orders.

