



H-160 Vehicle Charger User's Guide

COPYRIGHT NOTICE

This user's guide is copyrighted, all rights are reserved. It may not, in whole or in part, be copied, photocopied, reproduced, translated, or reduced to any electronic medium or machine readable format without prior consent in writing from Hollis.

Hollis H-160 Charger Users' Guide, Doc. No. 12-4021
©2008 Hollis
2002 Davis Street
San Leandro, CA USA 94577

TRADEMARK NOTICE

Hollis and the Hollis logo are registered or unregistered trademarks of Hollis. All rights are reserved.

LIMITED WARRANTY

For details, refer to the Product Warranty section on the Hollis web site:

www.hollisgear.com

TABLE OF CONTENTS

PAGE	
4	Warnings
4	Charging the NiMH Batteries (H-160)
5	LED Indicator Code Chart



WARNING: This indicates a potential hazardous situation which, if not avoided, may result in serious injury or death.



CAUTION: This denotes instances that if not handled properly could result in damage to the equipment.

NOTE: Represents important information.



WARNINGS:

- **DO NOT interchange NiMh and LiPo batteries.** The electronics on each model scooter and charger are designed specifically for that model's intended battery type. Using the wrong battery may cause combustion and injury.
- **DO NOT block the vents of the charger case, or charge the vehicle in a closed area.** This will cause an extreme build up of heat, which will result in damage to the charger and the batteries.
- **DO NOT use any chargers other than a genuine Hollis charger to recharge your vehicle.** Doing so may cause severe damage to the batteries, and will void the warranty.
- **DO NOT expose the charger to moisture, salt air, sand, or dust.** Keep it clean and dry at all times.
- **DO NOT open the charger case.**

Charging the NiMH Batteries (H-160)

To charge the NiMH battery, first plug the charger into the wall outlet. Then plug the battery connector into the charger. Allow the battery to fully charge (approximately 5 hours). There is an LED indicator that lets you know the charging status (see Chart A). When charge is complete disconnect the battery first. Then disconnect the charger from the wall outlet.

LED Indicator Code Chart

Color LED Indicator	Condition
Flashing red and green	Test mode
Green	no battery connected
Red	charging in progress
Green	fully charged / trickle charging
Red flashing quickly	short circuit or battery polarity reversed
Red flashing slowly	repairing battery
Red, green, and yellow flashing quickly	battery voltage too low
Off	charger turned off and/or temperature protect mode

Chart A

NOTE:

- This charger is for indoor use only.
- To reach full capacity on the batteries they must be put through a few charge cycles.
- If the fuse burns, replace with an identical specification fuse.
- Keep the charger away from heat and magnetic sources.
- Charging one battery repeatedly with no rest between uses will damage the battery.
- If the charger is in test mode (flashing green and red slowly) the output will never stop. **DO NOT** connect the battery during this mode or it will be damaged. Reset the charger to avoid battery damage. Unplug and plug the charger back into the wall outlet to reset it.

NOTES:

HOLLIS

2002 Davis Street, San Leandro, CA 94577

Phone: 888.383.DIVE / 510.729.5110

Fax: 510.729.5115

www.hollisgear.com

E-mail: info@hollisgear.com

International Support and Service:
www.hollisgear.com/international.asp