

5) Replacement Parts and Service

178-01597-0128: *BT128-0 Rechargeable Battery*

178-01597-0126: *BT126-0 Rechargeable Battery*

178-00203: *Parallel Cable*

178-01681-0010: *DC Power Adapter assembly*

178-00202: *AC Power Adapter assembly*

195-50363-0128: *Charger assembly for BT128-0*

195-50362-0126: *Charger assembly for BT126-0*

195-50363-0010: *Battery Charger w/AC Power Adapter for BT128-0 battery*

195-50363-0020: *Battery Charger w/DC Power Adapter for BT128-0 battery*

195-50363-0030: *Battery Charger w/parallel cable for BT128-0 battery*

195-50362-0010: *Battery Charger w/AC Power Adapter for BT126-0 battery*

195-50362-0020: *Battery Charger w/DC Power Adapter for BT126-0 battery*

195-50362-0030: *Battery Charger w/parallel cable for BT126-0 battery*

If there are any problems or questions in regards to the operation of this unit, please contact one of our representatives:

U.S. Service Information
1.866.MAG.SERV
(1.866.624.7378)

Magnetek Material Handling
N49 W13650 Campbell Drive
Menomonee Falls, WI 53051

Phone: 800.288.8178
Fax (Service): 262.783.3508

Canada Service Information:

4090B Sladeview Crescent
Mississauga, Ontario
L5L 5Y5 Canada

Phone: 1.800.792.7253
Fax: 1.905.828.5707

Magnetek Battery Charger

NiMH Battery Charger (Fast Charge)

Instruction Manual

For use in:

195-50363-0010, 195-50363-0020, 195-50363-0030

195-50362-0010, 195-50362-0020, 195-50362-0030



MAGNETEK

October 2010
Part Number: 195-50479-R1
©Copyright 2010 Magnetek

Table of Contents

1) Warnings and Cautions	page 5
2) Single Charger Instructions	page 8
3) Multiple Charger Instructions	page 10
4) Troubleshooting	page 11
5) Replacement parts and Service	page 12

4) Troubleshooting

Problem	Possible Reasons	Suggestions
Status LED flashes Red	Batteries too hot/cold	A battery must be from 50-104°F (10-40°C) to charge. Charging will resume when the battery gets back to its specified temperature range.
	Wrong battery type	If the wrong type of battery is placed in the charger, it will not charge. Make sure the correct battery type is used. ONLY USE BATTERIES PROVIDED BY MAGNETEK!
	Battery contacts are dirty or damaged	Inspect battery contacts. If dirty, wipe with Isopropyl alcohol. DO NOT SUBMERGE. If damaged, replace battery pack.
	Battery has not indicated full charge in allotted time	Various environmental conditions may elicit the charger to fail to recognize a full charge condition. In this case, the charger will stop charging after a pre-programmed time and indicate a fault. If this happens repeatedly contact, Magnetek Inc. as the charger may require service.
	Charger too hot/cold	Re-locate charger to an environment that does not exceed 50-104°F (10-40°C).

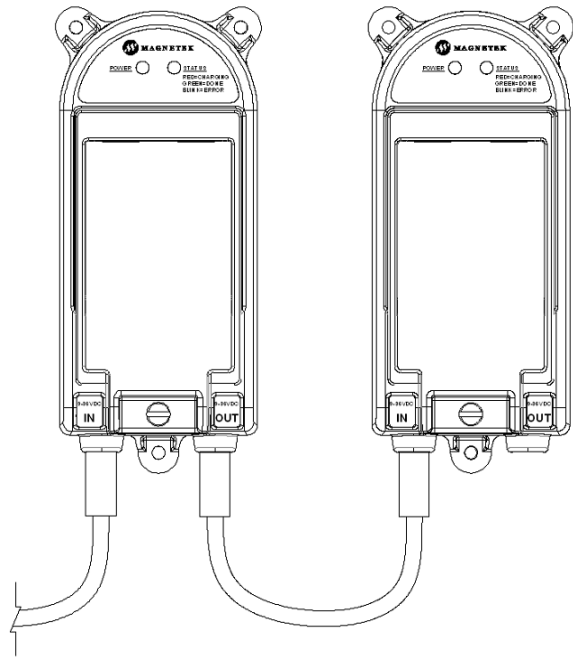
Table 1.0

Conditioning: A new rechargeable battery pack may experience a low usable capacity during the first few charge cycles due to long storage. This is normal. Battery capacity will be restored after several full charge/discharge cycles.

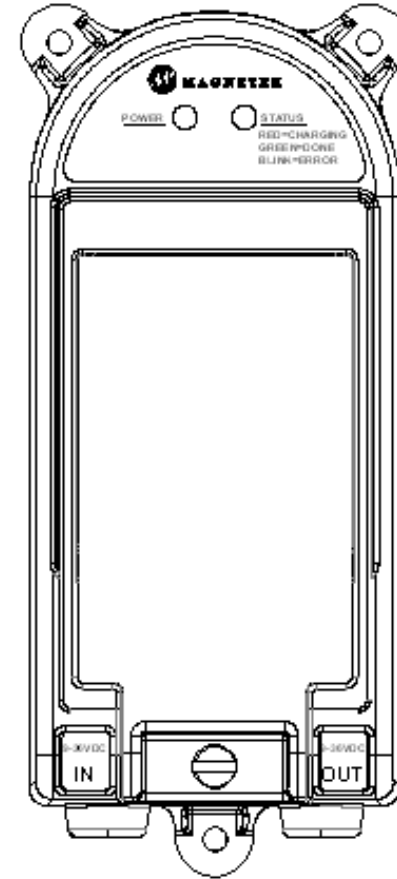
©2010 MAGNETEK MATERIAL HANDLING
 All rights reserved. This notice applies to all copyrighted materials included with this product, including, but not limited to, this manual and software embodied within the product. This manual is intended for the sole use of the persons to whom it was provided, and any unauthorized distribution of the manual or dispersal of its contents is strictly forbidden. This manual may not be reproduced in whole or in part by any means whatsoever without the expressed written permission of MAGNETEK.

3) MULTIPLE CHARGERS (Max. 2)

1. **You can only use up to two chargers with one power supply.** Using more will damage the charger and/or power supply. This will also void the warranty.
2. Plug charger power supply adapter into 120 VAC 60 Hz power source. Plug the adapter jack in the charger base connection labeled “IN”. The “POWER” light will come on BLUE, indicating the unit is receiving power.
3. In the charger that has the power supply adapter, plug the parallel cable (178-00203) in that charger base connection labeled “OUT”.
4. In the next charger, plug the other end of the parallel cable into the charge base connection labeled “IN”. The “POWER” LED will light BLUE, indicating the unit is receiving power.



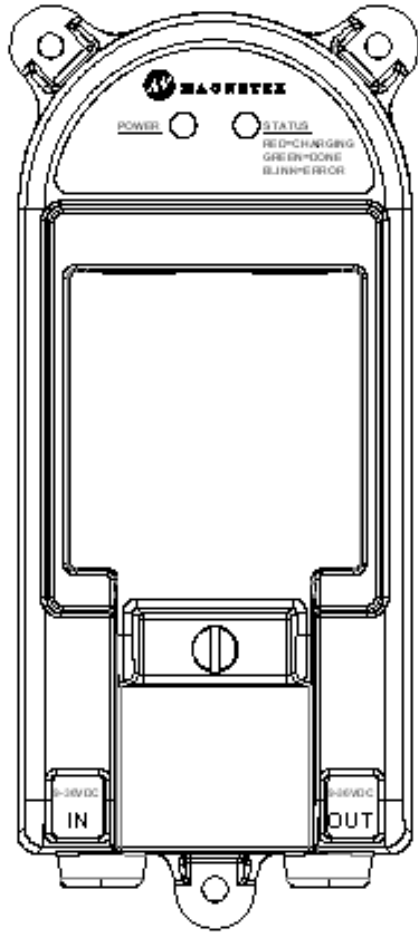
BATTERY CHARGERS:



195-50363-0010: Battery Charger w/AC Power Adapter for BT128-0 battery

195-50363-0020: Battery Charger w/DC Power Adapter for BT128-0 battery

195-50363-0030: Battery Charger w/parallel cable for BT128-0 battery



195-50362-0010: Battery Charger w/AC Power Adapter for BT126-0 battery

195-50362-0020: Battery Charger w/DC Power Adapter for BT126-0 battery

195-50362-0030: Battery Charger w/parallel cable for BT126-0 battery



Figure 3

3. Once in place, the Status LED will turn RED, indicating the battery is charging.
4. When the battery is fully charged, the Status LED will turn GREEN. The battery will be charged within 3 hours.
5. If an error has occurred with the charging process, the Status LED will flash RED. Remove the battery from the charger and try again. (See **Table 1.0** for more troubleshooting instructions)
6. For best battery performance, avoid charging the battery pack for more than 24 hours at a time.

Note: All new rechargeable battery packs must be charged before usage.

- Recharging a battery only after it is fully discharged will prolong its life.
- Avoid recharging battery when fully or near fully charged.

2) Single Charger Instructions

1. Plug the provided power supply into the IN power jack as show in Figure 2. The “Power” LED will turn blue, indicating the unit is receiving power.



Figure 2

2. Insert the battery into the slot until the battery settles firmly in place. The battery label MUST be facing upward with the tab facing out, as shown in Figure 3.

1) Warnings and Cautions

WARNING, *CAUTION*, and *Note* statements are used throughout this manual to emphasize important and critical information. You must read these statements to help ensure safety and to prevent product damage. The statements are defined below.



WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It may also be used to alert against unsafe practices.

Note: *A note statement is used to notify users of installation, operation, programming, or maintenance information that is important, but not hazard-related.*



WARNING

- This manual includes instructions regarding the safe operation of the Magnetek 195-50362/195-50363 series of battery chargers. If you ignore these instructions you are assuming responsibility for damages, costs, or injury incurred by such disregard.
- These battery chargers contain no customer serviceable parts. Opening or tampering with the internal electronics will void the manufacturer's warranty.
- Do not make any changes or modifications to the charger unit. Failure to comply will void the manufacturer's warranty.
- Do not attempt to open a rechargeable battery pack. The pack has been permanently sealed at the factory and contains no serviceable parts. If the pack has been damaged in any way, immediately cease use of the battery pack and dispose of it in accordance with all applicable regulations.



CAUTION

- **Please familiarize yourself with these instructions before attempting to use.**
- **Use of these devices is intended ONLY for BT128-0 and BT126-0 rechargeable battery packs.**
- Do not attempt to charge alkaline or other non-rechargeable batteries.
- Do not expose batteries to excessive heat or fire. Failure to do so could lead to an explosion and cause serious personal injury.
- Do not charge batteries or operate the charger in a hazardous environment.
- Do not short circuit battery or charger terminals.
- Do not attempt to charge a damaged battery.
- For indoor use only. The charger unit is not intended for outdoor use.
- Keep the environment between 50-104° Fahrenheit (10-40° Celsius) during charging operations. Do not operate charger in direct sunlight or close to a heating source.
- Do not store batteries in the charger.
- Store batteries between 0-85° Fahrenheit (-20-30° Celsius)
- Always dispose of used batteries in accordance with appropriate regulations.
- Use only with approved Magnetek products. Not for use with other manufacturer's products. Do not attempt to manually discharge battery packs.

General Suggestions:

- For the longest battery life, rechargeable batteries should be recharged at least every 6 months, even when in storage.
- For best performance of the battery, avoid charging the battery pack for more than 24 hours at a time. Failure to do so may negatively impact battery life.