



# OPERATING INSTRUCTIONS

**Battery Charger Model: 030-0013-XX**



Model: 030-0013-03

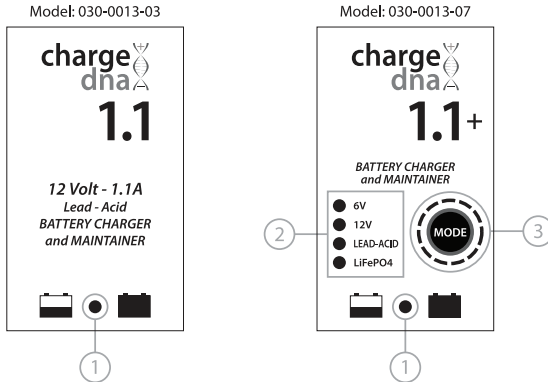


Model: 030-0013-07

**SAVE THESE INSTRUCTIONS and read before using the charger.**

***All ChargeDNA Products are Designed and Engineered in the U.S.A.***

# FEATURES



- ① **STATUS INDICATOR LIGHT:** Indicates status of charger and connected battery.
- ② **Mode LEDs:** Indicates selected battery voltage and chemistry.
- ③ **Mode Selector:** Press button to cycle through charging modes.

## STATUS INDICATOR OPERATION:

Status Indicator Light	Description
Flashing yellow	AC power is applied, and the battery is not connected.
Solid yellow	The battery is charging and is less than 75% fully charged.
Flashing green	The battery is charging and is greater than 75% fully charged.
Solid green	The battery charge is complete. The battery is being maintained at a 100% charge level.

## WARNING INDICATION:

Indication	Description/Action
Flashing 6V or 12V light (Model: 030 0013-07 only)	The battery may be defective, or the incorrect battery voltage has been selected. If the proper battery voltage is selected, take the battery to the dealer to be tested.
Flashing LiFePO4 light (Model: 030-0013-07 only)	The charger is attempting to recover a heavily discharged lithium battery back to a normal state.
Alternating yellow and green Status Indicator Light	<ul style="list-style-type: none"> <li>● The charger has detected a reverse polarity connection to the battery. Ensure the battery is connected properly. (Model: 030-0013-03 or 030-0013-07)</li> <li>● The battery may be defective. Take the battery to the dealer to be tested. (Model: 030-0013-03 only)</li> </ul>

## CHARGING MODES:

Model 030-0013-03 is designed to charge and maintain 12V, lead-acid batteries only. Model 030-0013-07 has a mode selector button to select 6V or 12V lead-acid or LiFePO4 batteries. **WARNING:** LiFePO4 mode should be selected only when charging LiFePO4 batteries with a built-in Battery Management System (BMS). Always consult the battery manufacturer to verify the suitability of the charger before charging.

# OPERATING INSTRUCTIONS

**WARNING – Use Model: 030-0013-03 for charging LEAD-ACID batteries only. Use Model: 030-0013-07 for charging LEAD-ACID and LiFePO4 batteries only.**

The recommended rated capacity of batteries to be recharged:

- LEAD-ACID, up to 55Ah
- LiFePO4, up to 10Ah

## SET OPERATING MODE:

1. Verify the voltage and chemistry of the battery to be charged.
2. Apply AC power to the charger by plugging it into an AC outlet.
3. Cycle through operating modes by pressing the Mode Selector button. Stop pressing the button when the desired voltage and chemistry is selected.
4. Disconnect AC power from the charger by removing it from the AC outlet.

## CONNECT CHARGER TO BATTERY:

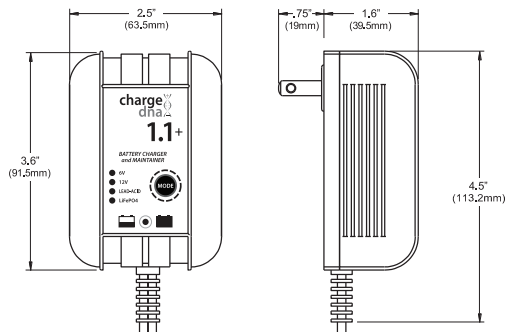
1. Verify AC power has been disconnected from the charger. Do not connect the charger to AC power until all other connections are properly made.
2. Attach charger clips as indicated in 15(e), 15(f), and 16(b) through 16(d) of the safety instructions.

## BEGIN CHARGING:

1. Verify that the charger is connected properly to the battery to be charged.
2. Apply AC power to the charger by plugging it into an AC outlet.
3. Verify the selected charging mode matches the battery that is connected to the charger.
4. Charging has commenced when the Status Indicator Light is solid yellow or flashing green.
5. The charger can be left connected to the battery indefinitely to maintain full charge.

Charge Times in hours (actual results may differ)		
Battery Size	Lead-Acid	* LiFePO <sub>4</sub>
2aH	1.4	1.8
4aH	2.8	3.6
8aH	5.5	7.3
10aH	6.9	9.1
12aH	8.3	10.9
20aH	13.8	N/A
35aH	24.1	N/A
55aH	37.8	N/A

\* Model 030-0013-07 only



# 3-YEAR WARRANTY

CHARGEDNA, MAKES THIS LIMITED WARRANTY TO THE ORIGINAL PURCHASER OF THIS PRODUCT FROM CHARGEDNA OR FROM A CHARGEDNA APPROVED RESELLER OR DISTRIBUTOR. THIS LIMITED WARRANTY IS NOT TRANSFERABLE OR ASSIGNABLE.

ChargeDNA warrants that this battery charger product will be free from defects in material and workmanship for three years from the date of purchase, (the "Warranty Period"). With NO proof of purchase, the warranty period begins on the date code printed on the ratings label. Any products found to be defective due to material or workmanship, during the warranty period, will be repaired or replaced at the discretion of ChargeDNA. Repaired or replacement chargers will be warranted for the remainder of the original warranty period. The original purchaser is responsible to ship the defective product, prepaid to ChargeDNA for repair or replacement.

THIS WARRANTY IS VOID AND DOES NOT APPLY TO PRODUCTS THAT:

1. are misused, subjected to abuse or careless handling, accident, or operated under conditions of extreme voltage, temperature, shock, or vibration beyond CHARGEDNA's recommendations for safe and effective use;
2. are modified without the express written consent of CHARGEDNA;
3. have been disassembled or repaired by anyone other than a CHARGEDNA authorized service provider.

THIS WARRANTY DOES NOT COVER:

1. normal wear and tear;
2. cosmetic damage that does not affect functionality; or
3. products where the original serial number is missing, altered, or defaced.

To initiate a warranty claim:

1. Request and obtain a return merchandise authorization ("RMA") number and return shipping information from the CHARGEDNA Warranty Department by emailing [warranty@chargedna.com](mailto:warranty@chargedna.com).
2. Return the Product, including RMA number and receipt. Any products received without an RMA number will not be processed.

CHARGEDNA makes no other warranties, including, but not limited to, express, implied or statutory warranties, including without limitation, any implied warranty of merchantability or implied warranty of fitness for a particular purpose. Further, CHARGEDNA shall not be liable for any incidental, special or consequential damage claims incurred by purchasers, users or others associated with this product, including, but not limited to, lost profits, revenues, anticipated sales, business opportunities, goodwill, business interruption and any other injury or damage. Any and all such warranties, other than the limited warranty included herein, are hereby expressly disclaimed and excluded. Some states do not allow the exclusion or limitation of incidental or consequential damages or length of implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and it is possible you may have other rights which vary from this warranty.