

# BFC12

## Battery Float Charger

### Assembly & Operating Instructions



Thank you for purchasing this Battery Float Charger. This manual provides important information regarding safety, operation, maintenance and storage. Every effort has been made to ensure the accuracy of this manual. **We reserve the right to change this product at any time without prior notice.** Before use, read carefully and understand all warnings, cautions, instructions and labels. Failure to do so could result in serious personal injury, property damage or even death.

**SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

**READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING THIS PRODUCT.**

**STOP!**

**DO NOT RETURN THIS TOOL TO THE RETAILER.**

**Questions? Problems? CONTACT CUSTOMER SERVICE.**

If you experience a problem or need to return this product for repair, please fill out a RGA form by visiting our web site, <http://www.buffalotools.com>. Or, call our customer help line at **1-888-287-6981, Monday-Friday, 8 AM - 4 PM Central Time**. A copy of the sales receipt is required.

**FOR CONSUMER USE ONLY – NOT FOR PROFESSIONAL USE**

# GENERAL SAFETY RULES

## **WARNING**

READ AND UNDERSTAND ALL INSTRUCTIONS. Failure to follow all instructions listed below may result in electric shock, fire and/or serious personal injury.

## RECOGNIZE SAFETY SYMBOLS, WORDS AND LABELS

### What You Need to Know About Safety Instructions

Warning and Important Safety Instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. Common sense, caution and care must be exercised when operating or cleaning tools and equipment.

Always contact your dealer, distributor, service agent or manufacturer about problems or conditions you do not understand.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



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, may result in minor or moderate injury.



CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.



NOTE provides additional information that is useful for proper use and maintenance for this tool. If a NOTE is indicated make sure it is fully understood.

## FEATURES

Use this Battery Float Charger for the maintenance of wet or gel cell batteries that are stored or used periodically in such items as boats, cars, snowmobiles, ATV's and tractors. Battery Float Charger is intended only to keep a fully charged battery from losing its charge. It will NOT work to charge a battery that is discharged or damaged.

Check the voltage of the battery to be charged. DO NOT USE CHARGER IF THE BATTERY VOLTAGE IS LESS THAN 9.6 VOLTS.

The Battery Float Charger prevents self discharge of the battery, while maintaining and extending the life of rechargeable 12 V batteries. The Battery Float Charger maintains a battery charge for batteries rated from 5 - 125 amp-hours, by providing a 13.2 VDC max output. Other types of chargers provide a strong, rapid charge but tend to boil out liquids and decay electrodes.

## SPECIFICATIONS

Output	12V DC, 500 MA
Input	120 V ~/ 60 Hz, 14W
Capacity	5 - 125 Ah Batteries
Max Output	13.2V DC
Cable Length	53 Inches

## SERVICE

**Service must be performed only by qualified repair personnel.** Service or maintenance by unqualified personnel could result in a risk of injury.

## IMPORTANT SAFETY INSTRUCTIONS

### **WARNING**

**Before using the product, you need to become familiar with the operation.** If you are unsure about the operation of the tool, or have any questions about the proper use of the tool, call the Customer Service Department at 1-888-287-6981.

## FUNCTIONAL DESCRIPTION

Battery Float Charger

## PACKAGE CONTENTS

Battery Float Charger

## ASSEMBLY

### NOTE

Unpack product from package and review contents. Keep all packaging until product has been reviewed.

## OPERATION

### CAUTION

Batteries can explode under certain conditions; excessive heat and/or poor ventilation can cause battery explosion.

### CAUTION

Surges and sparks in electrical power supply could possibly cause battery explosion.

### CAUTION

Never charge battery in an enclosed area. Never leave charger unchecked for such periods of time as to create a hazard.

### WARNING

Do not make connections to battery near open flame, sparks or when smoking.

Do not use if battery voltage is less than 9.6 volts.

Make connection to battery before plugging charger into electrical outlet.

To prevent damage to charger, connect cable clips to proper terminals on battery – Black clip to negative (-). Red clip to positive (+).

Do not touch clips together while charger is plugged in.

Do not place charger or electrical hookups on ground or floor.

Do not turn on the equipment that the battery is connected to while charging.

Remove charger power module from electrical outlet, and disconnect the battery clamps when finished.

Do not pull power cord to remove power module from electrical outlet.

Make sure battery is vented (if battery is maintenance free and non-fillable, it has vent slots). Make sure vents are clear and dirt free.

Always remove battery from vehicle before charging.

Never leave battery in an enclosed area. Never leave charger unchecked for such periods of time as to create a hazard.

Place Battery Float Charger within 3 feet of battery. Unplug the Battery Float Charger, and connect the Red Clip to Positive (+) terminal of battery and Black Clip to Negative (-) terminal of battery.

The LED will not stay lit if not hooked up with the correct polarity to the battery. Correct the connections before plugging the battery charger in.

Plug power module into electrical outlet. After use, unplug the Battery Float Charger. Remove the Black Clip, then remove the Red Clip from the battery. Wipe the charger with a clean dry cloth and store out of reach of children.

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