



## OWNER'S MANUAL

20V 1.5A Fast Charger

For Use With Yardworks 20V Batteries

Copyright. All Rights Reserved

**Model CHL82000-1**



### SPECIFICATIONS

INPUT	100-240V, 50-60Hz, AC Only, 0.8A Max
CHARGING VOLTAGE	DC 21V
CHARGING CURRENT	1.5 AMP
NET WEIGHT	0.42 LBS



### THANK YOU FOR YOUR PURCHASE

Your new battery charger has been engineered and manufactured to our high standard for dependability, ease of operation, and operator safety. Properly cared for, it will give you years of rugged, trouble-free performance.

**DO NOT RETURN THIS PRODUCT TO THE STORE.  
FOR OPERATING, ASSEMBLY, PARTS, SERVICE QUESTIONS,  
GO TO [AMERICANLAWNMOWER.COM](http://AMERICANLAWNMOWER.COM) OR CALL  
1-800-633-1501 BETWEEN 8:00AM-5:00PM EST  
FOR ASSISTANCE.**



**CAUTION:** Carefully read through this entire owner's manual before using your new battery charger. Pay close attention to the Rules for Safe Operation, Warnings, and Cautions. If you use your battery charger properly and only for what it is intended, you will enjoy years of safe, reliable service.

**SAVE THIS MANUAL FOR FUTURE REFERENCE**

## RULES FOR SAFE OPERATION

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols, and the explanations with them, deserve your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.

### SYMBOL MEANING



**SAFETY ALERT:** Indicates danger, warning, or caution.  
May be used in conjunction with other symbols or pictographs.



**DANGER:** Failure to obey a safety warning will result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.



**WARNING:** Failure to obey a safety warning will result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.



**CAUTION:** Failure to obey a safety warning will result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

**NOTE:** Advises you of information or instructions vital to the operation or maintenance of the equipment.



#### **WARNING:**

Do not attempt to operate this battery charger until you have read thoroughly and understand completely all instructions, safety rules, etc. contained in this manual. Failure to comply can result in accidents involving fire, electric shock, or serious personal injury. Save this owner's manual and review frequently for continuing safe operation, and instructing others who may use this battery charger.

#### **IMPORTANT SAFETY INSTRUCTIONS FOR CHARGER**

- **SAVE THESE INSTRUCTIONS.** This manual contains important safety and operating instructions for model CHL82000-1.
- Before using battery charger, read all instructions and cautionary markings on battery charger, and product using battery charger. Carefully read and understand these instructions and the Owner's Manual for the product using this charger.



#### **WARNING:**

To reduce risk of injury, charge only Yardworks™ Lithium 20V lithi-um-ion type rechargeable battery BL82120-1 and BL80204-1. Other types of batteries may burst causing personal injury and damage.

- Do not expose charger to rain or snow or other wet conditions.
- Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.

- To reduce risk of damage to charger body and cord, pull by plug body rather than cord when disconnecting charger.
- Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure:
  - a. That pins on plug of extension cord are the same number, size and shape as those of plug on charger.
  - b. That extension cord is properly wired and in good electrical condition; and
  - c. That wire size is large enough for AC ampere rating of charger as specified below:

#### **RECOMMENDED MINIMUM A.W.G. SIZE FOR EXTENSION CORDS FOR BATTERY CHARGERS**

Ampere Rating (on face plate)	0 - 2.0	2.1 - 3.4
Cord Length (Feet)	Wire Size (A.W.G.)	
25ft	16	16
50ft	16	16
100ft	16	16
<b>NOTE:</b> AWG = American Wire Gauge		

## RULES FOR SAFE OPERATION

### • DO NOT OPERATE CHARGER WITH A DAMAGED CORD OR PLUG

If damaged, call our customer service help line at 1-800-633-1501 for assistance.

- Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; call our customer service help line at 1-800-633-1501 for assistance.
- Do not disassemble charger; when service or repair is required call our customer service help line at 1-800-633-1501 for assistance. Risk of electric shock or fire may result if re-assembled incorrectly.
- To reduce risk of electric shock, unplug charger from outlet before attempting any maintenance or cleaning. Turning off controls will not reduce this risk.
- Do not use charger outdoors.
- Disconnect charger from power supply when not in use.

### PRECAUTIONS REGARDING THE USE OF CHARGER AND BATTERY

- Do not charge battery when temperature is below 39°F or above 104°F.
- Never attempt to connect two chargers together.
- The charger is designed to operate on standard household electrical power. Do not attempt to use it on any other voltage.
- Do not insert foreign matter into the hole for the battery in charger.
- Do not charge by means of an engine generator or DC power source.
- Do not disassemble the battery.
- Do not store the tool and battery in locations where the temperature may reach or exceed 104°F (40°C) such as outside sheds or metal buildings in summer.
- Do not incinerate the battery, even if it is severely damaged or completely worn out. The battery may explode in fire.
- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with your skin, wash immediately with soap and water, then neutralize with lemon juice or vinegar. If liquid gets in your eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention.

- Do not short-circuit the battery.
- Do not discharge battery beyond normal use limits. Further discharging (such as by placing a rubber band on the trigger switch) can cause a deep discharge which may result in polarity reversal of a cell rendering the battery useless.



#### **WARNING:**

California Proposition 65: The electrical cord on this product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.



#### **WARNING:**

Cancer and Reproductive Harm -[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



#### **FCC WARNINGS:**

Please note that changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## SAVE THESE INSTRUCTIONS



**Look for this symbol to point out important safety precautions. IT MEANS ATTENTION! YOUR SAFETY IS INVOLVED!**

## OPERATION

# USE THIS BATTERY CHARGER ONLY WITH YARDWORKS™ 20V Lithium-Ion Batteries

### CHARGING BATTERY PACK

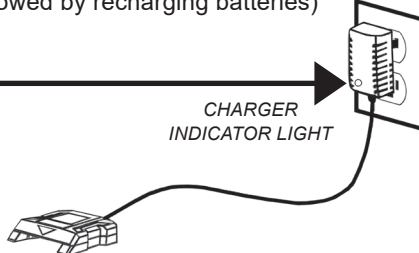
Battery packs are shipped in a low charge condition to prevent possible problems. Therefore, you should charge them prior to use.

**NOTE:** Batteries will not reach full charge the first time they are charged. Allow several cycles (operating tool followed by recharging batteries) for them to fully charge.

**CONSTANT GREEN WITH NO BATTERY**  
*POWER IS ON*

**CONSTANT RED WITH BATTERY**  
*BATTERY IS CHARGING*

**CONSTANT GREEN WITH BATTERY**  
*BATTERY IS FULLY CHARGED*



### TO CHARGE

- Use this battery charger only with Yardworks 20V Lithium-Ion Batteries.
- Make sure power supply is normal house voltage, 120 volts, 60 Hz, AC only.
- Connect charger to power supply. The light will be GREEN noting that the power is on.
- Slide battery pack into charger.
- Press down on battery pack to be sure contacts on battery pack engage properly with charger contacts.
- Charger light will be illuminated.  
Constant RED light indicates battery is charging.  
Constant GREEN light indicates battery is fully charged.
- A minimum charge time of 80 minutes is required to recharge a completely discharged battery pack. The battery pack will become slightly warm to the touch while charging. This is normal and does not indicate a problem.
- **DO NOT** place charger in an area of extreme heat or cold. It will work best at normal room temperature.
- When the battery is fully charged, unplug your charger from power supply and remove the battery pack.



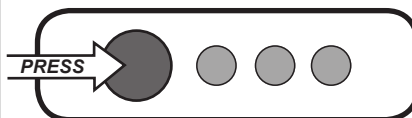
BL82120-1  
2.0Ah Battery Pack



BL80204-1  
4.0Ah Battery Pack

### BATTERY CAPACITY

Pressing the largest button on the end of the battery pack shows the LED battery capacity.



#### LED LIGHTS

#### BATTERY STATUS

LED 1/2/3 LIGHTS

FULL CHARGE (70-100%)

LED 1/2 LIGHTS

PARTIAL CHARGE (35-70%)

LED 1 LIGHT

LOW CHARGE (0-35%)  
TIME TO CHARGE BATTERY



**Look for this symbol to point out important safety precautions.  
IT MEANS ATTENTION! YOUR SAFETY IS INVOLVED!**

## OPERATION

### IMPORTANT INFORMATION FOR RECHARGING HOT BATTERIES

When using a tool continuously, the battery pack will become hot. You should let a hot battery pack cool down for approximately 30 minutes before attempting to recharge.

**NOTE:** If the charger does not charge your battery pack under normal circumstances, please call our customer service help line at 1-800-633-1501 for assistance.

## MAINTENANCE



### **WARNING:**

When servicing, use only identical replacement parts. Use of any other part may create a hazard or cause product damage.



**DO NOT abuse power tools. Abusive practices can damage tools as well as the workplace.**



### **WARNING:**

Do not at any time let brake fluids, gasoline, petroleum-based products, penetrating oils, etc. come in contact with plastic parts. They contain chemicals that can damage, weaken or destroy plastic.



### **WARNING:**

Do not attempt to modify or create accessories not recommended for use with this charger. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

## SAVE THESE INSTRUCTIONS



Look for this symbol to point out important safety precautions.  
**IT MEANS ATTENTION! YOUR SAFETY IS INVOLVED!**

## **SERVICE**

**Now that you have purchased  
your charger, should you need service,  
simply contact us at 1-800-633-1501**

**Be sure to provide all the pertinent facts  
when you call or visit online.**

## **MODEL NUMBER**

**The serial number will be found on a plate  
attached to the bottom of the housing.**

**NAME OF ITEM: BATTERY CHARGER**

**MODEL NUMBER: CHL82000-1**

**SERIAL NUMBER: \_\_\_\_\_**

**REMEMBER - CALL US FIRST  
WITH OPERATION OR MAINTENANCE QUESTIONS**

**1-800-633-1501**

**Call between 8:00AM and 5:00PM  
Eastern Standard Time**

**ASSISTANCE IS ALSO AVAILABLE ONLINE AT  
[americanlawnmower.com](http://americanlawnmower.com)**

## YARDWORKS WARRANTY POLICY

- **2 YEAR LIMITED WARRANTY** on all Yardworks 20V lithium ion power tools from date of purchase when used for personal, household, or family use.
- **2 YEAR LIMITED WARRANTY** on all Yardworks 20V lithium ion batteries and chargers from date of purchase when used for personal, household, or family use.

The Great States Corp. (GSC) warrants to the original owner that this Yardworks product and service part is free from defects in materials and workmanship and agrees to repair or replace any defective product or part for the warranty period as stated above.

- Warranty voided if used for commercial or industrial purposes or any other improper use as determined by GSC.
- Warranty does not include repairs necessary due to operator's abuse or negligence (including overloading the product beyond capacity or immersion in water), or the failure to assemble, operate, maintain or store the product according to the instructions in the owner's manual.
- This warranty does not cover
  - Wear items, including but not limited to; drive belts & gears, tines, cutting blades, mower blades, saw chains, mulching blades, blower fans, spool covers, trimmer line, blower and vacuum tubes, guide bars, high pressure hoses, wheels, handles, augers, worn bags, power cables, and other items subject to wear over time.
  - Wear on batteries, including but not limited to; drops, wear and breakage on charger, exposure to extreme temperature swings (hot or cold), battery left on charger too long, battery left uncharged for too long, and misuse or abuse of the battery.
- This warranty does not cover damage caused by cold, heat, rain, excessive humidity or other environmental extremes.
- This warranty does not cover normal deterioration of the exterior finish or normal wear and tear on the products including, but not limited to scratches, cracks, dents, or damage caused by outside chemicals.
- This warranty is not transferable and only applies to new products sold directly from an authorized retailer. This warranty does not apply to any product, new or used, purchased through unauthorized third-party channels. For information on authorized dealers, contact our customer support hotline at 1-800-633-1501 (Mon-Fri 8am-5pm Est)
- Any incidental, indirect or consequential loss, damage, or expense that may result from any defect or malfunction of the products is not covered by the warranty.
- The warranty does not include installation, assembly or normal adjustments explained in the owner's manual. The expense of delivering the product to the vendor and the expense of returning the product or replacement parts to the owner is not covered by the warranty.

**ADDITIONAL WARRANTY LIMITATIONS** Some states do not allow the exclusion or limitation on how long an implied warranty lasts, so the above limitation may not apply to you. Products sold damaged or incomplete, sold - as is, or sold as reconditioned are not covered under the warranty. Damage or liability caused by shipping, improper handling, improper assembly, incorrect voltage, improper wiring, improper maintenance, improper modification or the use of accessories and/or attachments not specifically recommended is not covered by this warranty.

**Proof of purchase, original dated sales receipt, must accompany all warranty claims.**  
For claims go to [americanlawnmower.com](http://americanlawnmower.com) or call our customer support hotline  
from 8am-5pm EST, Mon-Fri at 1-800-633-1501



## **OWNER'S MANUAL**

20V 1.5A Fast Charger

For Use With Yardworks 20V Batteries

Copyright. All Rights Reserved

**Model CHL82000-1**

American Lawn Mower Company  
The Great States Corporation  
7444 Shadeland Station Way  
Indianapolis, IN 46256 USA  
Phone 1-800-633-1501  
[americanlawnmower.com](http://americanlawnmower.com)

In a continued commitment to improve quality, the Manufacturer reserves the right to make component changes or design changes when necessary.