



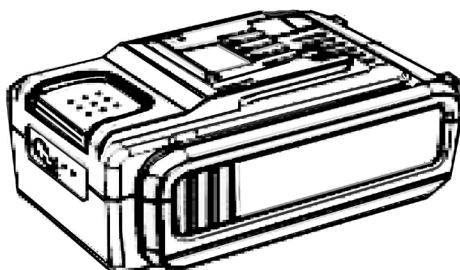
OWNER'S MANUAL

20V 4.0Ah Lithium-Ion Replacement Battery
For Use With Yardworks 20V Tools

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Model BL80204-1

**BATTERY MUST BE CHARGED BEFORE FIRST USE.
TWO TO THREE INITIAL CHARGING/DISCHARGING
CYCLES MAY BE REQUIRED TO ACHIEVE MAXIMUM
RUN TIME/CAPACITY.**



THANK YOU FOR YOUR PURCHASE

Your new battery 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 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. Pay close attention to the Rules for Safe Operation, Warnings, and Cautions. If you use your battery 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.

IMPORTANT SAFETY WARNINGS



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.



DANGER: Do not dispose of the batteries in a fire. The cell may explode. Check with local codes for possible special disposal instructions.



CAUTION: Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C (265°F) may cause explosion.



CAUTION: Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.



CAUTION: Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.



DANGER: Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.



CAUTION: Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.



CAUTION: Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.



CAUTION: Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.



CAUTION: Do not modify or attempt to repair the appliance or the battery pack.



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

CHARGING THE BATTERY PACK

Charge the battery pack only with the charger provided.
Allow at least 160 minutes of charge time before initial use.
Make sure the power supply is normal household voltage, 120volts, 60Hz, AC only.

The battery charger should be operated in temperatures between 39° F and 104° F.

The battery should be charged in a cool, dry place.

Two to three initial charging/discharging cycles may be required to achieve maximum run time/capacity.

Do not attempt to open the charger or the unit. There are no customer serviceable parts inside. Call the customer service help line at 1-800-633-1501 for assistance.

DO NOT incinerate battery packs even if they are severely damaged or completely worn out. They can explode in a fire causing injury.

Use the battery charger indoors only.

Disconnect charger from the power supply when not in use to prevent damage to the charger during a power surge.

When fully charged, the battery can be safely stored in temperatures down to - 4° F for a period of up to four weeks, before requiring charging.

Do not operate battery 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.

Fully charge battery pack every 90 days.

If over a period of time the battery pack quickly runs down after a full 160 minute charging period, a replacement battery pack is needed.

To prevent permanent damage to the battery, never store in a fully discharged condition.

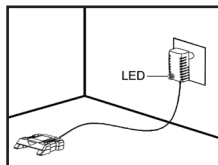
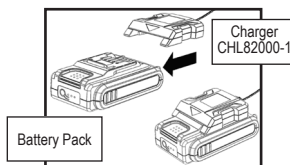
WINTER STORAGE - Fully recharge before storage and then again every 90 days.

Since the battery will not develop a memory, it does not have to be fully discharged before recharging.

A small leakage of liquid from the battery cells may occur under extreme usage, charging or temperature conditions. This does not indicate a failure. However, if the outer seal is broken and this leakage gets on your skin.

- Wash quickly with soap and water.
- Neutralize with a mild acid such as lemon juice or vinegar.
- If the battery liquid gets in your eyes, flush them with clean water for a minimum of 10 minutes and seek immediate medical attention.

TO CHARGE - SEE CHARGER MANUAL FOR COMPLETE INSTRUCTIONS



CONSTANT RED LED
BATTERY CHARGING

CONSTANT GREEN LED
BATTERY FULL CHARGE

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSES	POSSIBLE SOLUTIONS
Unit Does Not Run...	Battery Not Making Contact Trigger Switch Not Operational Battery Not Installed Properly Battery Not Charged	Check Battery is Fully Inserted in Tool Check Lock Off Button is Fully Forward Check Battery Installation Check Battery Charging Requirements
Battery Will Not Charge....	Battery Not Inserted Into Charger Charger Not Plugged In	Insert Battery into Charger until Red LED Appears Plug Charger into Working Outlet Check Current at Receptacle - Plug in Lamp/Other Tool Check if Outlet is Connected to a Light Switch
	Air Temperature too Hot or Cold	Move Charger and Tool to a Surrounding Air Temperature of 39° F (4° C) or Below 104° F (40° C)

BATTERY DISPOSAL

Remove the battery pack from the appliance. Cover the terminals with heavy duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any components. This product contains lithium-ion batteries which must be recycled or disposed of properly. Local, state or federal laws may prohibit disposal of these batteries in ordinary trash.



The RBCRC seal on the li-ion battery pack indicates that the costs to recycle the battery pack at the end of its useful life has already been paid by The Great States Corporation/American Lawn Mower Company. It is illegal to place spent li-ion batteries in the local municipal solid waste or in the trash. RBRC in cooperation with The Great States Corporation/American Lawn Mower Company has provided an environmentally friendly and easy way to recycle spent li-ion batteries. Just contact your local recycling center or call 1-800-8BATTERY for information on where to drop off the spent battery.

OPERATION

CHARGE THIS BATTERY ONLY WITH YARDWORKS™ 20V CHARGERS

CHARGING BATTERY PACK

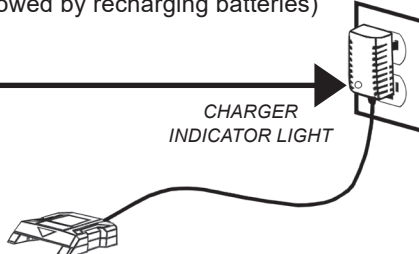
Battery packs are shipped in a low charge condition to prevent possible problems. Therefore, you should charge them prior to use.

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

- Charge Yardworks 20V Lithium-ion Batteries only with Yardworks 20V Chargers.
- 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 160 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.



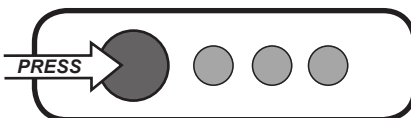
BL82120-1
2.0Ah Battery Pack



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.
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SERVICE

**Now that you have purchased
your battery, 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: Yardworks 20 Volt 4.0Ah
Replacement Battery**

MODEL NUMBER: BL80204-1

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**

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 or call our customer support hotline
from 8am-5pm EST, Mon-Fri at 1-800-633-1501



OWNER'S MANUAL

20V 4.0Ah Lithium-Ion Replacement Battery
For Use With Yardworks 20V Tools

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Model BL80204-1

American Lawn Mower Company
The Great States Corporation
7444 Shadeland Station Way
Indianapolis, IN 46256 USA
Phone 1-800-633-1501
americanlawnmower.com

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