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## Yard Force YF120vRXCHG

# Yard Force YF120vRX 4 Amp Charger Instruction Manual

Model: YF120vRXCHG | Brand: Yard Force

## IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

- **DANGER:** To reduce the risk of electric shock, disconnect charger from power outlet before attempting any cleaning or maintenance.
- **WARNING:** For indoor use only. Do not expose to rain or wet conditions.
- Use only with Yard Force YF120vRX Lithium-ion batteries. Charging other types of batteries may cause them to burst, resulting in personal injury and damage.
- Do not charge non-rechargeable batteries.
- Do not use the charger if the cord or plug is damaged. If damaged, have it replaced by a qualified service person.
- Do not open the charger. Refer servicing to qualified personnel only. Incorrect reassembly may result in a risk of electric shock or fire.
- Keep the charger away from heat sources, direct sunlight, and extreme temperatures.
- Ensure proper ventilation during charging. Do not block ventilation openings.
- Do not short-circuit the battery terminals.
- Do not store the battery in the charger.

## PRODUCT OVERVIEW

The Yard Force YF120vRX 4 Amp Charger (Model: YF120vRXCHG) is specifically designed to provide fast and efficient charging for your Yard Force YF120vRX Lithium-ion batteries. This charger is an essential accessory for maintaining the power tools in the Yard Force 120vRX series, including the YOLBX145T00 blower, YOLTX18TB00 trimmer, and YOLMX225300 mower. Its advanced technology ensures optimal battery life and performance.



Figure 1: Front view of the Yard Force YF120vRX 4 Amp Charger. This image shows the primary battery insertion slot and the prominent Yard Force branding on the side.



Figure 2: Angled view of the Yard Force YF120vRX 4 Amp Charger, providing a clearer look at the "BRUSHLESS TECH 120vRX LITHIUM-ION" label and the battery status indicator lights.

## SETUP

Follow these steps to set up your Yard Force YF120vRX 4 Amp Charger:

- Unpack:** Carefully remove the charger from its packaging. Inspect the charger and power cord for any signs of damage. Do not use if damaged.
- Placement:** Place the charger on a stable, flat, and dry surface. Ensure the surface is non-flammable and allows for adequate air circulation around the charger.
- Ventilation:** Confirm the charging area is well-ventilated and free from obstructions that could block the charger's vents. Avoid placing it near heat sources or in direct sunlight.

4. **Power Connection:** Plug the charger's power cord into a standard 120V AC, 60Hz electrical outlet. The charger's indicator light may briefly illuminate upon connection.

## OPERATING INSTRUCTIONS

### Charging the Battery

To charge your Yard Force YF120vRX Lithium-ion battery:

1. Ensure the charger is properly plugged into a functional power outlet.
2. Align the grooves on the battery with the corresponding rails in the charger's slot.
3. Slide the battery firmly into the charger until it is fully seated and clicks into place.
4. Observe the charger's indicator light. It will illuminate to show the charging status. Refer to the "Charger Indicator Lights" table below for details.
5. Once the battery is fully charged, the indicator light will change (typically to solid green).
6. To remove the battery, press the battery release button (if present on your battery model) and slide the battery out of the charger.
7. Unplug the charger from the power outlet when charging is complete or when the charger is not in use for extended periods.

### Charger Indicator Lights

Light Status	Meaning
Solid Green	Battery fully charged.
Flashing Green	Charging in progress.
Solid Red	Battery or charger error. This could indicate the battery is too hot/cold, faulty, or the charger has an issue.
No Light	Charger not plugged into power outlet, or no battery is inserted.

## MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your charger:

- **Cleaning:** Always disconnect the charger from the power supply before cleaning. Use a soft, dry cloth to wipe the exterior of the charger. Do not use abrasive cleaners, solvents, or immerse the charger in water.
- **Storage:** Store the charger in a cool, dry place, away from direct sunlight, moisture, and extreme temperatures. Ensure the charger is unplugged when not in use for extended periods.
- **Cord Care:** Regularly inspect the power cord for any signs of damage, such as cuts, fraying, or exposed wires. Do not use the charger if the cord is damaged. Contact customer service for replacement or repair.
- **Ventilation:** Keep the ventilation openings on the charger clear of dust and debris to prevent overheating.

## TROUBLESHOOTING

If you encounter issues with your Yard Force YF120vRX 4 Amp Charger, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Charger not working / No indicator light	No power to outlet; Charger not plugged in securely; Faulty power outlet.	Check power outlet with another device; Ensure charger is securely plugged into a working outlet.
Battery not charging (Solid Red light)	Battery too hot or too cold; Battery faulty; Charger faulty.	Allow battery to reach room temperature (between 40°F and 105°F / 4°C and 40°C); Remove and reinsert battery; If problem persists, the battery or charger may be faulty. Contact customer support.
Slow charging	Environmental conditions (e.g., extreme temperatures); Battery nearing end of life.	Ensure charger and battery are in a well-ventilated area at room temperature; Consider replacing the battery if it consistently charges slowly and has been in use for a long time.
Charger feels warm during operation	Normal operation; Poor ventilation.	It is normal for the charger to feel warm during charging. Ensure adequate ventilation around the charger. If it becomes excessively hot, unplug it and contact customer support.

## SPECIFICATIONS

Detailed technical specifications for the Yard Force YF120vRX 4 Amp Charger:

**Model:** YF120vRXCHG

**Input Voltage:** 120V AC, 60Hz

**Output Voltage:** 7.4 Volts (DC)

**Current Rating:** 4 Amps

**Compatible Battery:** Yard Force YF120vRX Lithium-ion Battery

**Product Dimensions (L x W x H):** 11 x 10 x 7 inches

**Item Weight:** 5.99 pounds

**Manufacturer:** Firman Power Equipment, Inc.

**GTIN (Global Trade Item Number):** 00846325003995

## WARRANTY AND SUPPORT

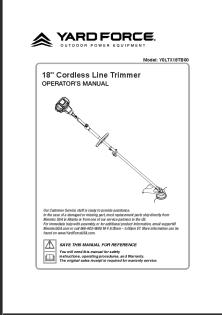
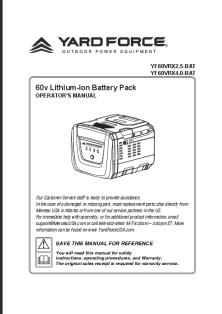
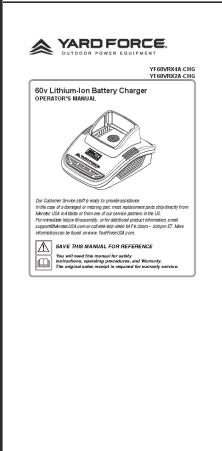
Yard Force stands behind its products. For specific warranty details, technical assistance, or to inquire about replacement parts, please contact Yard Force customer service. It is recommended to retain your original purchase receipt as proof of purchase for any warranty claims.

**Official Website:** [www.yardforceusa.com](http://www.yardforceusa.com)

**Manufacturer:** Firman Power Equipment, Inc.

**Customer Service:** Refer to the official website for contact information (phone, email, or support portal).

## Related Documents - YF120vRXCHG

	<p><a href="#">Yard Force 580CFM Cordless Blower Operator's Manual - YOLBX145T00</a></p> <p>Operator's manual for the Yard Force 580CFM Cordless Blower (Model YOLBX145T00). Includes safety instructions, operating procedures, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Yard Force 580CFM Cordless Blower YOLBX145T00 Operator's Manual</a></p> <p>Operator's manual for the Yard Force 580CFM Cordless Blower (Model: YOLBX145T00), including safety instructions, operating procedures, assembly, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Yard Force 18" Cordless Line Trimmer Operator's Manual</a></p> <p>This operator's manual provides detailed instructions for the Yard Force 18" Cordless Line Trimmer (Model YOLTX18TB00), covering safety, assembly, operation, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Yard Force 60V Lithium-Ion Battery Pack Operator's Manual</a></p> <p>Operator's manual for Yard Force 60V Lithium-Ion Battery Packs (YF60VRX2.5-BAT, YF60VRX4.0-BAT) covering product features, technical data, intended use, safety notes, operation, maintenance, disposal, and warranty information.</p>
	<p><a href="#">Yard Force 60V Lithium-Ion Battery Charger Operator's Manual</a></p> <p>Operator's manual for the Yard Force 60V Lithium-Ion Battery Charger (Models YF60VRX4A-CHG, YF60VRX2A-CHG). Includes safety instructions, operating procedures, maintenance, troubleshooting, and warranty information.</p>



## [Yard Force YOLMX22S300 22" Cordless Lawn Mower Operator's Manual](#)

Comprehensive operator's manual for the Yard Force YOLMX22S300 22-inch cordless self-propelled lawn mower, covering safety, assembly, operation, maintenance, troubleshooting, and warranty.