

## Hyper Tough HTBGC20

# Hyper Tough 20V Max Dual Port Lithium-Ion Battery Fast Charger

Model: HTBGC20

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Hyper Tough 20V Max Dual Port Lithium-Ion Battery Fast Charger. Please read this manual thoroughly before using the charger and retain it for future reference.

The Hyper Tough 20V Max Dual Port Lithium-Ion Battery Fast Charger is designed to quickly recharge Hyper Tough 20V Max Lithium-Ion batteries. It features two charging ports, allowing for simultaneous charging of two batteries, and LED indicators to display the charging status.

### Important Safety Information

**WARNING: To reduce the risk of injury, always read and understand all instructions before using this product. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.**

- Use only with Hyper Tough 20V Max Lithium-Ion batteries.
- Do not expose the charger to rain or wet conditions.
- Do not charge non-rechargeable batteries.
- Unplug the charger from the power source when not in use or before cleaning.
- Do not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged.

## 2. PRODUCT OVERVIEW AND FEATURES

The Hyper Tough 20V Max Dual Port Lithium-Ion Battery Fast Charger is engineered for efficiency and convenience, allowing you to power your Hyper Tough 20V Max tools with minimal downtime.



Image 1: Front view of the Hyper Tough 20V Max Dual Port Lithium-Ion Battery Fast Charger. The charger is black with red accents, featuring two battery slots and LED indicator panels for each slot.

### Key Features:

- **Dual Port Design:** Charges two Hyper Tough 20V Max Lithium-Ion batteries simultaneously.
- **Fast Charging:** Capable of recharging 2.0 Ah batteries in approximately 1 hour and 4.0 Ah batteries in approximately 2 hours.
- **LED Indicators:** Provides clear visual feedback on battery charge status and potential troubleshooting information.
- **Compatibility:** Fully compatible with all Hyper Tough 20V Max Lithium-Ion batteries.

## 3. SETUP

Before using the charger, ensure it is placed on a stable, dry surface in a well-ventilated area, away from direct sunlight and heat sources.

### 3.1 Connecting the Charger to Power

1. Ensure the charger is unplugged from the power outlet.
2. Inspect the charger cord for any damage. Do not use if the cord is damaged.
3. Plug the charger's power cord into a standard 120V ~ 60Hz electrical outlet. The charger is now ready for use.

### 3.2 Inserting Batteries

1. Align the battery with the charging port on the charger.
2. Slide the battery into the port until it clicks securely into place. Ensure the battery is fully seated.
3. You can insert a second battery into the other port for simultaneous charging.

## 4. OPERATING INSTRUCTIONS

The charger is designed for automatic operation once batteries are inserted and power is connected. The LED indicators provide real-time status updates.

### 4.1 Charging Process

1. After connecting the charger to power and inserting the battery(ies), the charging process will begin automatically.
2. Monitor the LED indicators for the charging status.
3. Once charging is complete, the LED indicator will change to solid green.
4. To remove the battery, press the release latch (if present on the battery) and slide the battery out of the charger.

### 4.2 LED Indicator Meanings

The charger features LED indicators for each charging port. Refer to the image below for visual identification of the indicators.



Image 2: Close-up view of the Hyper Tough charger's LED indicator panel. Each panel shows a red thermometer icon, a green battery icon with charging animation, and a solid green battery icon.

- **Flashing Green Battery Icon:** Battery is charging.
- **Solid Green Battery Icon:** Battery is fully charged.
- **Flashing Red Thermometer Icon:** Battery or charger temperature is outside the optimal charging range. Charging will resume automatically once the temperature normalizes.
- **Solid Red Thermometer Icon:** Indicates a fault or error. Remove the battery and consult the

troubleshooting section.

### 4.3 Estimated Charging Times

- 20V Max 2.0 Ah Lithium-Ion Battery: Approximately 1 hour per battery.
- 20V Max 4.0 Ah Lithium-Ion Battery: Approximately 2 hours per battery.

*Note: Charging times may vary based on battery condition, ambient temperature, and battery charge level.*

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your charger.

### 5.1 Cleaning

1. Always unplug the charger before cleaning.
2. Use a clean, damp cloth to wipe the exterior of the charger. Do not use harsh detergents or solvents.
3. Keep the charging ports free of dust and debris. Use compressed air if necessary to clear out any obstructions.

### 5.2 Storage

- Store the charger in a cool, dry place, away from moisture and direct sunlight.
- Do not store batteries in the charger for extended periods.
- Keep the charger out of reach of children.

## 6. TROUBLESHOOTING

If you encounter issues with your charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charger not powering on / No LED activity	No power to the outlet; Loose connection; Damaged charger.	Check the power outlet with another device. Ensure the charger is securely plugged in. Inspect the power cord for damage. If damaged, discontinue use and contact support.
Battery not charging / Flashing Red Thermometer LED	Battery or charger is too hot or too cold.	Move the charger and battery to a room temperature environment (10°C to 40°C / 50°F to 104°F). Charging will resume automatically once the temperature is within range.
Solid Red Thermometer LED	Battery fault; Charger fault.	Remove the battery and reinsert it. Try charging a different, known-good battery. If the issue persists with multiple batteries, the charger may be faulty. If the issue is with a specific battery, that battery may be faulty.

Problem	Possible Cause	Solution
Slow charging	Battery condition; Ambient temperature.	Ensure the battery is not excessively hot or cold. Older batteries may take longer to charge.

If the problem persists after attempting these solutions, please contact Hyper Tough customer support.

## 7. SPECIFICATIONS

Model Number	HTBGC20
Input Voltage	120V ~ 60Hz
Output Voltage	20 Volts
Battery Type	Lithium-Ion
Charging Ports	2
Approx. Charge Time (2.0 Ah)	1 Hour
Approx. Charge Time (4.0 Ah)	2 Hours
Product Dimensions	27.79 x 21.21 x 10.01 cm (10.94 x 8.35 x 3.94 inches)
Product Weight	625.96 g (1.38 lbs)
Color	Black

## 8. WARRANTY AND SUPPORT



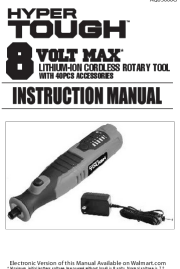
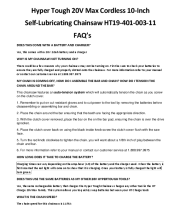
### 8.1 Warranty Information

This Hyper Tough 20V Max Dual Port Lithium-Ion Battery Fast Charger comes with a **2-year limited warranty** from the date of purchase. This warranty covers defects in material and workmanship under normal use. It does not cover damage resulting from misuse, abuse, accidents, or unauthorized repairs. Please retain your proof of purchase for warranty claims.

### 8.2 Customer Support

For technical assistance, warranty claims, or to inquire about replacement parts, please contact Hyper Tough customer service. Refer to the product packaging or the official Hyper Tough website for the most current contact information.

Related Documents

	<p><a href="#">Hyper Tough 20V MAX Lithium-Ion Cordless Drill/Driver AQ75034G User Manual</a></p> <p>Comprehensive user manual for the Hyper Tough 20V MAX Lithium-Ion Cordless Drill/Driver (Model AQ75034G), covering safety, operation, technical specifications, troubleshooting, and warranty information.</p>
	<p><a href="#">Hyper Tough 40V MAX 12" Cordless Self-Oiling Chainsaw FAQ</a></p> <p>Find answers to common questions about the Hyper Tough 40V MAX 12-inch Cordless Self-Oiling Chainsaw, including battery, operation, maintenance, and warranty information.</p>
	<p><a href="#">Hyper Tough 8.0V Max Cordless Rotary Tool Instruction Manual</a></p> <p>This manual provides comprehensive instructions for the Hyper Tough 8.0V Max Lithium-ion Cordless Rotary Tool, covering safety guidelines, operation, maintenance, accessory usage, and specifications. Learn how to safely operate and care for your rotary tool.</p>
	<p><a href="#">Hyper Tough 20V Max Cordless Chainsaw FAQ and Guide</a></p> <p>Frequently asked questions and essential information about the Hyper Tough 20V Max Cordless 10-Inch Self-Lubricating Chainsaw, including setup, maintenance, and warranty.</p>