

## Hyper Tough 20886

# Hyper Tough 300-Lumen LED Headlamp

## MODEL: 20886 USER MANUAL

### 1. Introduction

Thank you for choosing the Hyper Tough 300-Lumen LED Headlamp. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your headlamp. Please read this manual thoroughly before use and retain it for future reference.

### 2. Safety Information

- **Battery Safety:** Always insert batteries correctly, observing polarity (+/-). Do not mix old and new batteries, or different types of batteries. Remove batteries if the headlamp will not be used for an extended period. Dispose of used batteries responsibly.
- **Eye Safety:** Do not shine the light directly into eyes, as it can cause temporary vision impairment or damage.
- **Heat:** The LED light source may become warm during prolonged use. Avoid direct contact with the light housing when operating for extended periods.
- **Water Resistance:** This headlamp is IPX4 water-resistant, meaning it is protected against splashing water from any direction. It is not designed for submersion.
- **Impact:** While impact-resistant, avoid dropping the headlamp from excessive heights to prevent damage.

### 3. Package Contents

- Hyper Tough 300-Lumen LED Headlamp (1)
- AAA Batteries (3)

### 4. Product Overview

The Hyper Tough 300-Lumen LED Headlamp features a versatile lighting system with both spot and flood modes, controlled by a variable light output dial. It is designed for hands-free illumination in various environments.



**Figure 1:** Overall view of the Hyper Tough 300-Lumen LED Headlamp, showing the main light unit, adjustable strap, and rear battery pack.



**Figure 2:** Close-up of the variable light output dial, located on the side of the headlamp unit, used for mode and brightness selection.

## 5. Setup

### 5.1 Battery Installation

1. Locate the battery compartment at the rear of the head strap.
2. Open the battery compartment cover.
3. Insert three (3) AAA batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover securely.

### 5.2 Adjusting the Head Strap

The headlamp features a two-way fully adjustable head strap for a comfortable and secure fit. Adjust the elastic straps by sliding the buckles to achieve the desired tension and position on your head. The rear-mounted battery pack aids in improved weight distribution.

## 6. Operating Instructions

The Hyper Tough 300-Lumen LED Headlamp offers multiple lighting modes and variable output control via a single dial.

1. **Power On/Off:** Rotate the variable light output dial clockwise to turn the headlamp on. Continue rotating to cycle through modes and adjust brightness. Rotate counter-clockwise until it clicks to turn the headlamp off.
2. **Mode Selection and Brightness Control:** The dial allows seamless transition between different light modes and brightness levels.
  - **Spot Modes:** As you rotate the dial clockwise from the off position, the headlamp will activate in spot mode. Continue rotating to increase brightness through Spot Low, Spot Medium, and Spot

High. This mode provides a focused beam for distance illumination.

- **Flood Mode:** Further rotation of the dial will engage the flood mode. This mode provides a wide, uniform beam pattern, ideal for close-range work and reduced glare.



**Figure 3:** The headlamp operating in a focused spot beam mode, suitable for illuminating distant objects.





**Figure 4:** The headlamp operating in a wide flood beam mode, providing broad illumination for close-up tasks.

## 7. Maintenance

### 7.1 Cleaning

Wipe the headlamp with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the plastic housing or lens.

### 7.2 Battery Care and Storage

- Replace batteries when the light output becomes dim or inconsistent.
- If the headlamp will not be used for an extended period (e.g., more than one month), remove the batteries to prevent leakage and corrosion.
- Store the headlamp in a cool, dry place away from direct sunlight.

## 8. Troubleshooting

Problem	Possible Cause	Solution
Headlamp does not turn on.	Batteries are dead or incorrectly inserted.	Replace batteries with new ones, ensuring correct polarity.
Light is dim or flickers.	Low battery power.	Replace batteries.

Problem	Possible Cause	Solution
Dial is stiff or difficult to turn.	Dirt or debris in the mechanism.	Gently clean around the dial. Do not force rotation.

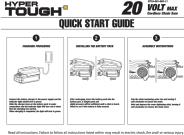
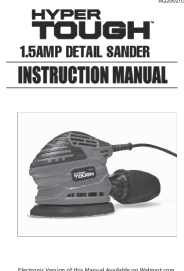

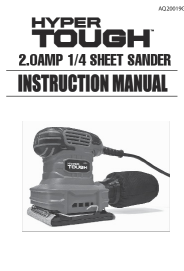
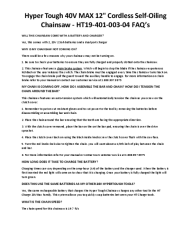

## 9. Specifications

Feature	Detail
Model Number	20886
Light Output (Spot High)	300 Lumens
Run Time (Spot High)	9 hours 15 minutes
Beam Distance (Spot High)	155 meters
Light Output (Spot Medium)	80 Lumens
Run Time (Spot Medium)	32 hours 30 minutes
Beam Distance (Spot Medium)	94 meters
Light Output (Spot Low)	30 Lumens
Run Time (Spot Low)	85 hours 15 minutes
Beam Distance (Spot Low)	59 meters
Light Output (Flood)	95 Lumens
Run Time (Flood)	24 hours
Beam Distance (Flood)	13 meters
Power Source	3 x AAA Batteries (Included)
Light Source Type	LED
Material	Plastic
Water Resistance	IPX4 (Water Resistant)
Impact Resistance	1-meter
Dimensions (Parcel)	21.1 x 17.6 x 7.9 cm
Weight (Parcel)	256 g

## 10. Warranty and Support

Specific warranty information for this product was not provided in the available data. For warranty claims or technical support, please refer to the product packaging or contact Hyper Tough customer service directly through their official website or contact channels.

Related Documents - 20886

 <p>HYPER TOUGH® 20V MAX CORDLESS CHAIN SAW QUICK START GUIDE</p>	<p><a href="#">Hyper Tough HT19-401-003-11 20V Max Cordless Chain Saw Quick Start Guide</a></p> <p>Quick start guide for the Hyper Tough HT19-401-003-11 20V Max Cordless Chain Saw, covering charging, battery installation, assembly, and safe operation procedures.</p>
 <p>HYPER TOUGH® 1.5AMP DETAIL SANDER INSTRUCTION MANUAL</p> <p>AQ20021G</p>	<p><a href="#">Hyper Tough 1.5AMP Detail Sander Instruction Manual</a></p> <p>Comprehensive instruction manual for the Hyper Tough 1.5AMP Detail Sander (Model AQ20021G), covering safety guidelines, operation, maintenance, specifications, and warranty information.</p>
 <p>HYPER TOUGH® Code Reader</p> <p>Operating Instructions Safety Information Features and Benefits</p>	<p><a href="#">HYPER TOUGH HT300 OBD2 Code Reader User Manual</a></p> <p>This comprehensive user manual provides operating instructions and safety information for the HYPER TOUGH HT300 OBD2 Code Reader. Learn to troubleshoot 1996 and newer OBD2 vehicles, decode 'Check Engine' light problems, retrieve generic and manufacturer-specific codes, and display Freeze Frame Data.</p>
 <p>HYPER TOUGH® 2.0AMP 1/4 SHEET SANDER INSTRUCTION MANUAL</p> <p>AQ20019G</p>	<p><a href="#">Hyper Tough 2.0 Amp 1/4 Sheet Sander Instruction Manual</a></p> <p>Instruction manual for the Hyper Tough 2.0 Amp 1/4 Sheet Sander (Model AQ20019G), covering safety guidelines, tool anatomy, operation, installation, troubleshooting, maintenance, specifications, and warranty information.</p>
 <p>Hyper Tough 40V MAX 12\" Cordless Self-Oiling Chainsaw - HT19-401-003-04 FAQs</p>	<p><a href="#">Hyper Tough 40V MAX 12\" Cordless Self-Oiling Chainsaw: FAQs, Manual Info &amp; Warranty</a></p> <p>Get answers to common questions about the Hyper Tough 40V MAX 12\" Cordless Self-Oiling Chainsaw (HT19-401-003-04). Learn about battery compatibility, chain assembly, oil usage, maintenance, and warranty details.</p>
 <p>Operator's Manual HYPER TOUGH® 20V 7.5-INCH FAN Model No. C1005</p> <p>WARNING: Read, understand and follow all Safety Rules and Operating Instructions in this manual before using this product.</p> <p>Walmart Inc., Bentonville, AR 72716 Walmart.com</p>	<p><a href="#">Hyper Tough 20V 7.5-Inch Fan Operator's Manual</a></p> <p>Comprehensive operator's manual for the Hyper Tough 20V 7.5-Inch Fan (Model C1005), detailing safety, operation, maintenance, and troubleshooting. Essential guide for safe and effective use.</p>