

T-SUN TS-F0110

T-SUN 30W Rechargeable Portable Work Light User Manual

Model: TS-F0110
Brand: T-SUN

1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your T-SUN 30W Rechargeable Portable Work Light. Please read this manual thoroughly before using the product and retain it for future reference.

2. PRODUCT FEATURES

- **Super Bright Illumination:** Provides at least 2000 lumens from a 30W LED, ensuring high brightness in dark environments.
- **Rechargeable & Battery Powered:** Supports two types of batteries (2 x 18650 lithium-ion batteries included) and features a USB charging port for convenient recharging.
- **Power Bank Functionality:** Can serve as a portable power bank to charge your mobile phone or other USB devices.
- **Multiple Lighting Modes:** Offers three distinct lighting modes: Bright, Medium, and Strobe (white light) to adapt to various situations and emergencies.
- **Portable and Adjustable Design:** Equipped with a 180-degree adjustable lamp stand, allowing for versatile positioning, including hanging or freestanding.
- **Durable and Waterproof:** Constructed with Polycarbonate (PC), LED, Aluminium, and Acrylonitrile Butadiene Styrene (ABS) materials, featuring an IP65 waterproof rating for outdoor use.

3. PACKAGE CONTENTS

Please verify that all items are present and in good condition upon unpacking:

- 1 x T-SUN 30W Rechargeable Portable Work Light
- 2 x 18650 Lithium-Ion Batteries (pre-installed or separate)
- 1 x USB Charging Cable
- User Manual (this document)



Image: The T-SUN 30W Rechargeable Portable Work Light shown with its included USB charging cables.

4. SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, please adhere to the following safety guidelines:

- Do not disassemble, repair, or modify the product yourself. Contact qualified service personnel for any repairs.
- Keep the product away from extreme temperatures, direct sunlight, and open flames.
- Do not immerse the product in water, despite its waterproof rating. The IP65 rating protects against water jets, not submersion.
- Use only the specified battery types (18650 lithium-ion or 4xAA) and charging cables.
- Keep out of reach of children.
- Avoid direct eye exposure to the LED light, as it can be very bright.

5. SETUP

5.1 Battery Installation

The work light uses two 18650 lithium-ion batteries. Alternatively, it can operate with four AA batteries (not included). Ensure correct polarity when inserting batteries.



Image: A diagram illustrating the battery compartments, showing options for 18650 lithium-ion batteries and AA batteries.

5.2 Charging the Work Light

Before first use, fully charge the work light. Connect the provided USB cable to the Micro USB Charging Input port on the light and the other end to a USB power source (e.g., wall adapter, computer USB port).



A Back UP USB Power Bank

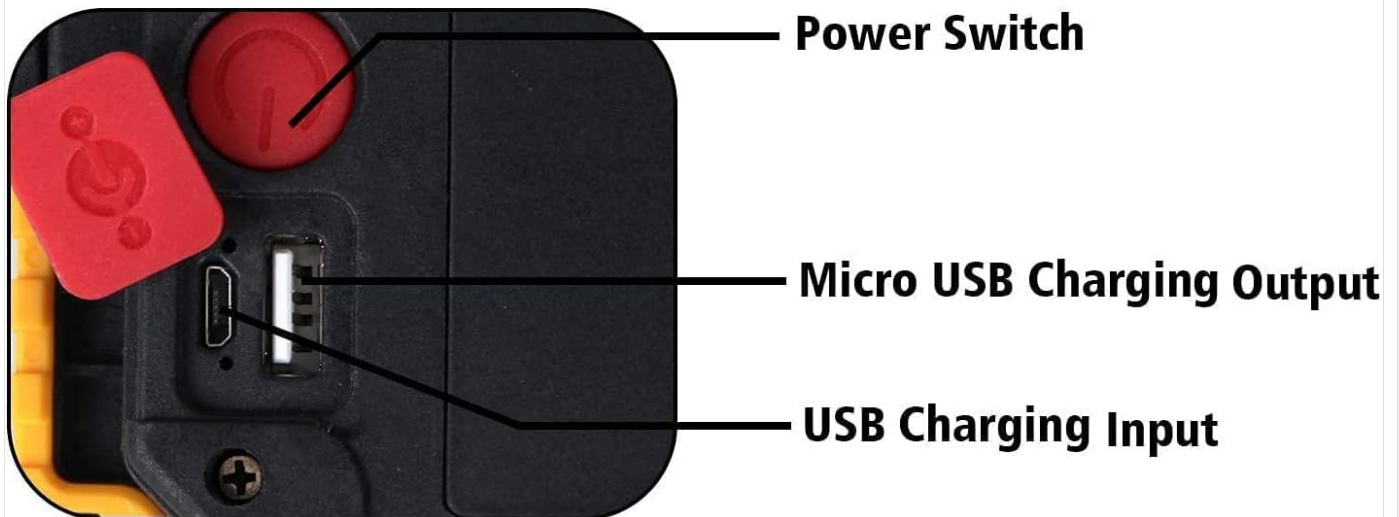


Image: The rear panel of the work light, highlighting the power switch, Micro USB charging output, and USB charging input ports. The charging indicator (if present) will show charging status. Disconnect once fully charged.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off and Mode Selection

Press the Power Switch button located on the back of the light to cycle through the lighting modes:

1. First press: Bright mode (maximum brightness).
2. Second press: Medium mode (reduced brightness).
3. Third press: Strobe mode (flashing white light).
4. Fourth press: Turn off the light.

T-SUN LED WORK LIGHT

PORTABLE DESIGN

Compact size .Adapt to various environment and make your life more convenient



ADJUSTABLE BRACKET

180° adjustable work light stand
Easy to place in various places



Image: This illustration demonstrates the compact, portable design and the 180-degree adjustable bracket of the T-SUN LED work light, showing various angles of adjustment.

6.2 Using as a Power Bank

To charge external devices, connect your device's USB charging cable to the Micro USB Charging Output port on the work light. The work light's internal battery will then provide power to your device.



A Back UP USB Power Bank

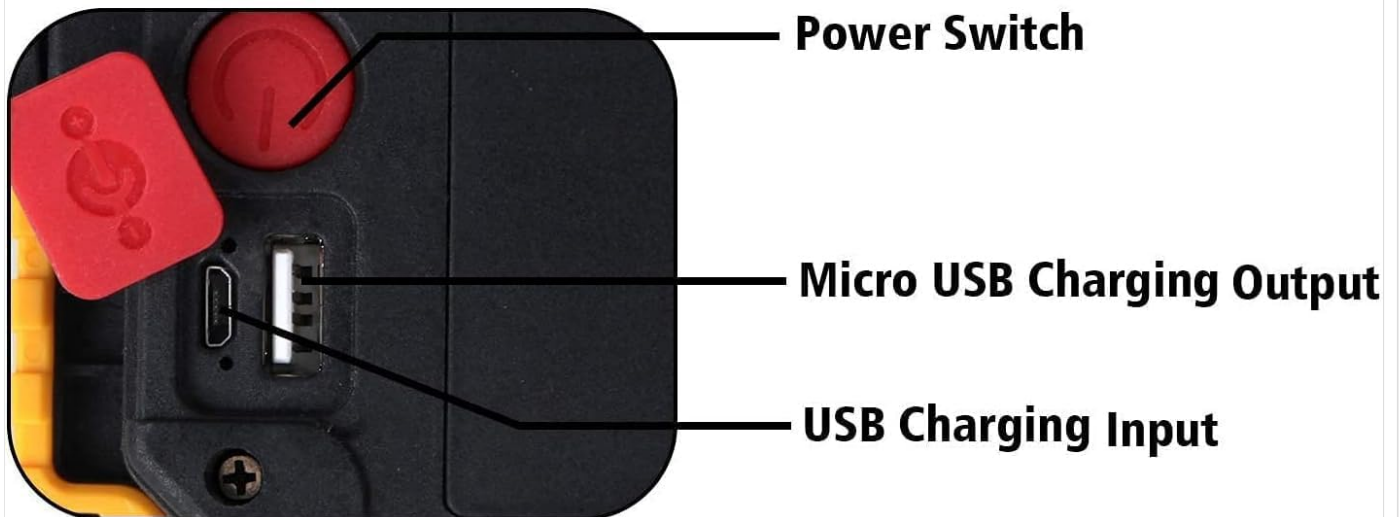


Image: The rear panel of the work light, highlighting the power switch, Micro USB charging output, and USB charging input ports, demonstrating its power bank capability.

6.3 Adjustable Stand

The integrated stand can be rotated 180 degrees to position the light as needed. This allows for freestanding operation, hanging, or directing the light beam precisely.

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ADJUSTABLE BRACKET

180° adjustable work light stand
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Image: This illustration demonstrates the compact, portable design and the 180-degree adjustable bracket of the T-SUN LED work light, showing various angles of adjustment for optimal positioning.

7. MAINTENANCE

7.1 Cleaning

Wipe the surface of the work light with a soft, damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or internal components.

7.2 Storage

When not in use for extended periods, store the work light in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to charge the battery every 3-6 months to maintain battery health.

IP65 WATERPROOF

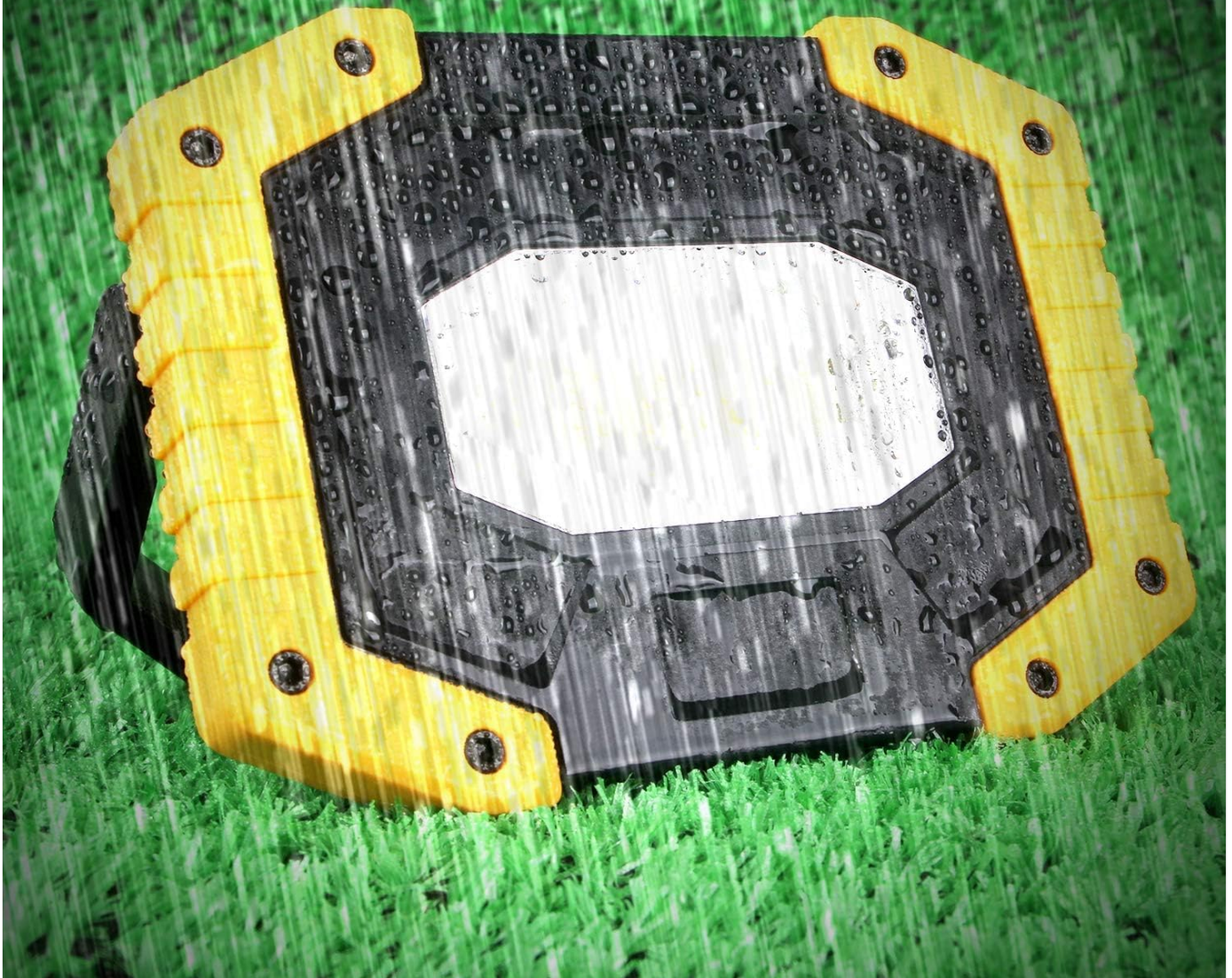


Image: The T-SUN work light is shown with water splashing on it, illustrating its IP65 waterproof capability, suitable for outdoor use.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted or not installed correctly.	Charge the battery or ensure batteries are inserted with correct polarity.
Light is dim.	Low battery charge.	Recharge the work light.
Cannot charge external device.	Work light battery is low or cable is faulty.	Ensure work light is sufficiently charged. Try a different USB cable.

9. SPECIFICATIONS

Feature	Detail
Model Number	TS-F0110
Wattage	30 watts
Luminous Flux	2000 lumens
Power Source	Battery Powered (2 x 18650 Lithium-Ion, or 4 x AA)
Voltage	5 Volts (AC)
Product Dimensions	16 x 10.5 x 4.5 cm
Item Weight	320 g
Material	Polycarbonate (PC), LED, Aluminium, Acrylonitrile Butadiene Styrene (ABS)
Special Features	Portable, Waterproof (IP65)
Manufacturer	ZHONGSHAN T-SUN OPTOELECTRONIC CO.,LTD



Image: A technical drawing illustrating the dimensions of the work light: 13.5 cm (5.31 inches) in length, 10 cm (4 inches) in height, and 4 cm (1.6 inches) in thickness.

10. WARRANTY AND SUPPORT

T-SUN products are manufactured to high-quality standards. For warranty information or technical support, please refer to the product packaging or contact your retailer. Keep your purchase receipt as proof of purchase. For further assistance, you may visit the official T-SUN store on Amazon:[T-SUN Store](#).

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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