eSafety Supplies®

Mini Lights Tower User Manual

The **200W Solar Relocatable Light Tower** is a portable, eco-friendly lighting solution ideal for construction sites, events, and emergency situations. Powered entirely by solar energy, it offers bright, reliable illumination without fuel costs or emissions, ensuring sustainability and efficiency in various outdoor applications.

Recommended uses:

- Construction Site Lighting: Provides reliable, off-grid illumination for night-time work and safety.
- Event Lighting: Ideal for outdoor events, festivals, and gatherings requiring temporary lighting.
- Emergency & Disaster Response: Delivers instant lighting in emergency or remote locations without requiring fuel or power connections.

SPECIFICATIONS

INFORMATION	
LED Lamp	2 x100W
Light Output	30000Lms
Solar Panel	1 x 455W
Battery	1 x 200Ah (DC 12V)
Mast	4m Square Telescopic Type

PRODUCT INFO.

SKU
ES-SLT-200W

MATERIAL
aluminum, steel, and high-quality plastics

CATEGORY
Solar Lighting

STANDARDS
N/A

PRODUCT OVERVIEW

The **200W Solar Relocatable Light Tower** is an eco-friendly, solar-powered lighting solution ideal for construction sites, outdoor events, and emergency situations. This portable tower provides bright,

FEATURES

- Portable and eco-friendly
- Solar-powered efficiency
- Bright and reliable illumination
- Ideal for outdoor applications

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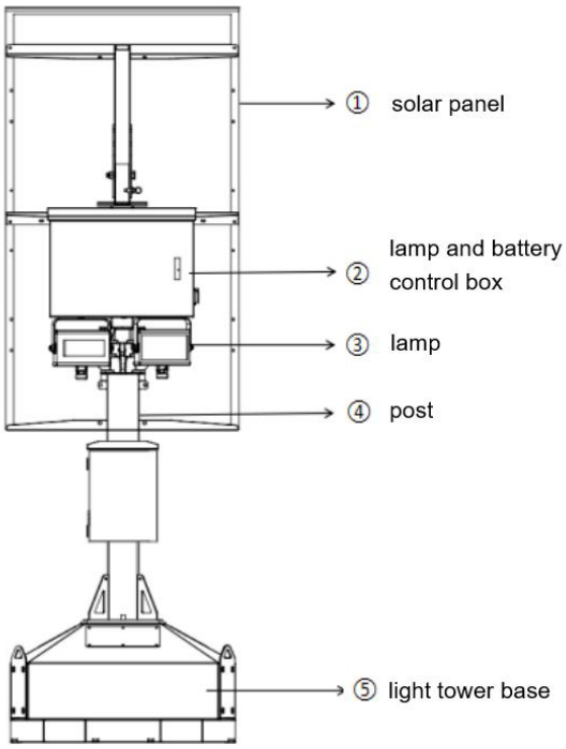
Mini Light tower Product Introduction

The Mini Light Tower product is generally divided into five parts from top to bottom: solar panel, lamp and battery control box, lamp, post, and light tower base (as picture 1). Monitoring equipment can be installed as needed.



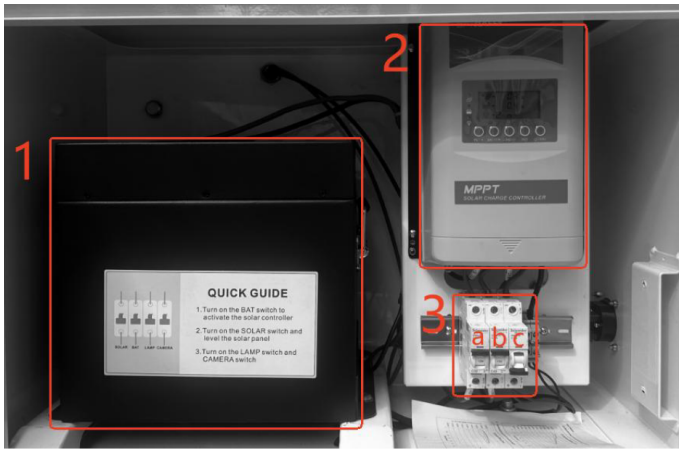
Mini Light Tower Product Usage Instructions

1) Control Box Usage Instructions

a) Turning on the Light tower

As shown in picture 2, within the control box, red frame 1 is the light tower battery, red frame 2 is the MPPT solar controller, and red frame 3 includes:

- Push rod **a** controls the charging of the battery by the solar panel.
- Push rod **b** controls the power supply from the battery to the lamp head.
- Push rod **c** controls the on/off function of the lamp head.



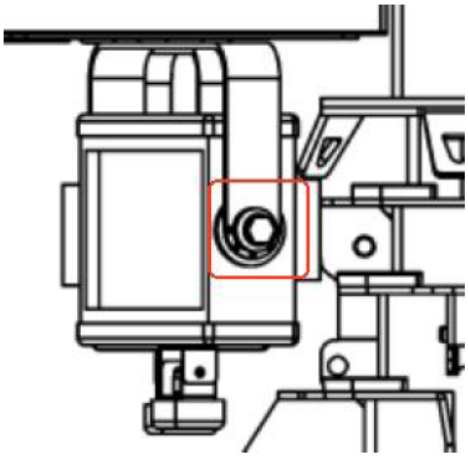
PICTURE 2

When push rods **a** and **b** are pushed up, the solar panel charges the battery, and the battery supplies power to the lamp, but the lamp remains off if push rod c is not pushed up. Pushing up push rod **c** will turn on the lamp.

2) Lamp Head Usage Instructions

a) Lamp Angle Adjust

As shown in Picture 3, the lamp is located below the control box. Loosen the screw at red frame 1, manually rotate the lamp head to the desired position, and then tighten the screw.

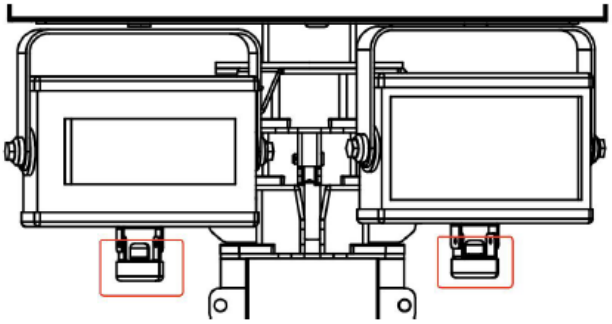


PICTURE 3

b) Light Sensor Settings

As shown in picture 4, the light sensor is located below the lamp. Using the provided remote control, the light sensor can be activated to switch the lamp head from constant on/off mode to sensing mode. Additionally, settings such as remote control distance, lamp head detection range, preset brightness ratio, delay settings, and light sensor value can be configured.

Refer to the light sensor manual for detailed instructions on setting specific parameters using the provided controller.

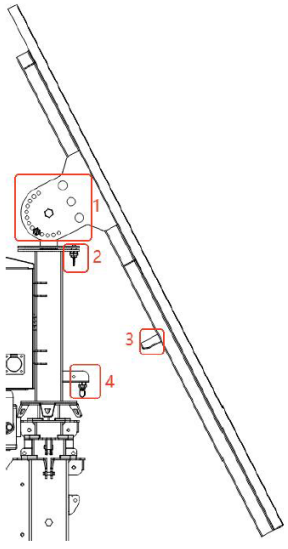


PICTURE 4

3) Solar Panel Rotation and Fixing

As shown in picture 5, red frame 1 allows the solar panel to be vertically adjusted to the desired position and secured with a pin. The solar panel can also be horizontally rotated to the desired position and fixed at red frame 2 using a pin.

During transportation, to reduce the lighthouse's footprint, the solar panel can be folded by securing red frame 3 into red frame 4 with a pin.

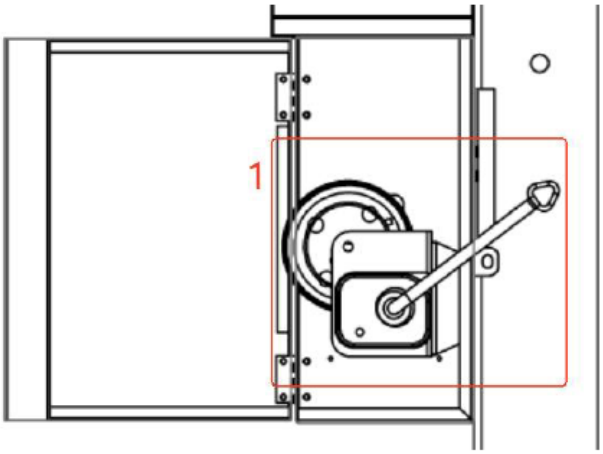


PICTURE 5

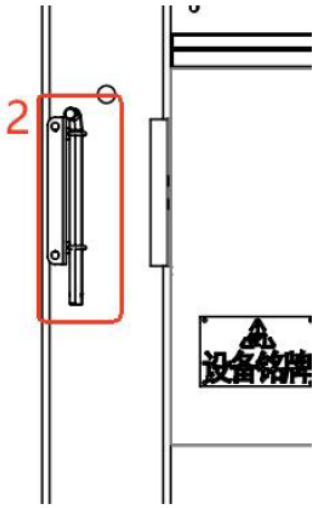
4) Light Tower Raising and Lowering

As shown in picture 6, red frame 1 contains the manual winch. Rotating the manual winch clockwise raises the light tower mast, while rotating it counterclockwise lowers the mast.

Raise the Mini Light tower to the desired height and secure it by inserting the pin at red frame 2 (as shown in picture 7) into the column hole.



PICTURE 6



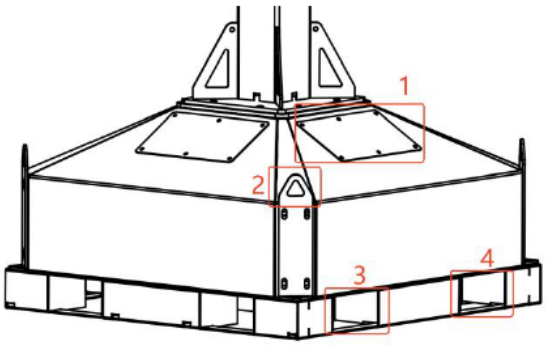
PICTURE 7

5) Base Functionality Instructions

As shown in picture 8, the Mini Light tower base is a hollow structure. The iron plate at red frame 1 can be removed to fill the base with sand, increasing the base's weight and enhancing the overall structural stability of the light tower. There are four removable iron plates, one on each side of the base.

Red frame 2 shows the light tower lifting lugs, through which a lifting rope can be passed and secured for transportation.

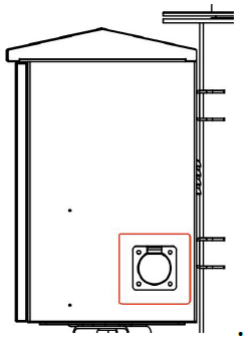
Red frames 3 and 4 are forklift slots, allowing a forklift to insert its forks into the Mini Light tower base for moving and transferring.



PICTURE 8

6) Light Tower Charging

The light tower uses a provided external charger to charge the battery. The charging port is located on the side of the lamp head battery control box (as shown in picture 9, red frame indicates the charging port).



PICTURE 9