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TOPENS AT6132S

TOPENS AT6132S Solar Dual Swing Gate Opener Instruction Manual

Model: AT6132S

PRODUCT OVERVIEW

The TOPENS AT6132S is a medium-duty automatic gate opener designed for dual swing gates. It features two 24VDC 50W motors capable of driving gates up to 660 lbs in weight or 18 ft in length per gate leaf. This system offers flexible power modes, including direct AC power and solar power support with optional batteries. It incorporates advanced safety features and is designed for straightforward DIY installation.

ENJOY YOUR SOLAR GATE OPENER

Simply press the remote button, the gate will open automatically



Image: The TOPENS AT6132S Solar Dual Swing Gate Opener system.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your gate opener. Please follow these steps carefully. The installation process may vary depending on your specific gate condition. Refer to the detailed installation video for visual guidance.

1. Check Your Gate

Before beginning installation, ensure that your gate can open and close smoothly and freely by hand without the gate opener. Any stiffness or obstruction should be resolved first.

Video: Detailed installation guide for the TOPENS AT6132S / AT12132S Dual Gate Opener.

2. Assemble Brackets

Assemble the post bracket and the pull-to-open bracket as shown. Ensure all components are securely fastened.

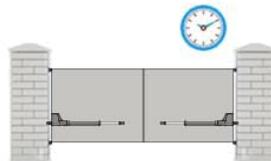
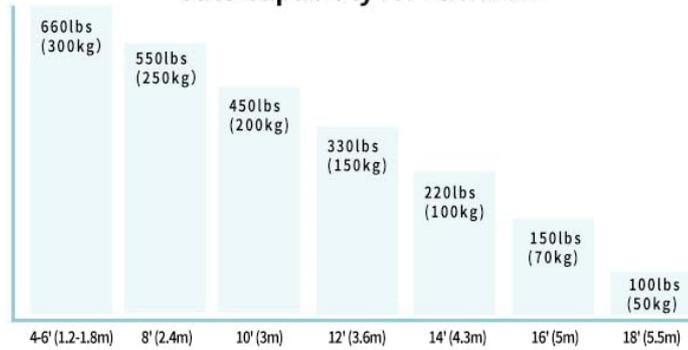
Why choose TOPENS ?

OVER 25 YEARS of experience specialized in gate automation industry, **TOPENS** has become one of the well-known and trusted consumer brands in North America.

Advanced technology to deliver safe, smart and reliable products, providing the **HIGH-QUALITY** gate openers & accessories with **LONG-LASTING** performance.

LIFE-TIME tech support. You will have an **EXCLUSIVE** customer support representative to assist you with all of your questions.

Gate Capability for Each Arm



Self-closing Setting



Soft Start & Soft Stop



Obstacle Adjusting



TOPENS Advanced Security Code



Gate Swing In
Pull-to-open Installation Mode



Gate Swing Out
Push-to-open Installation Mode

Image: Close-up of hands assembling the post bracket and pull-to-open bracket.

3. Determine Arm Position

Refer to the instruction manual's diagrams and tables to determine the proper mounting position for the post bracket and the gate arm. This involves measuring distances 'A' and 'B' to achieve the desired opening angle. Attach the bracket to the arm using the provided pin and cotter pin.



Image: Diagram illustrating measurements A and B for optimal gate opener arm placement.

4. Fix the Arm to the Gate

Drill holes and tap them as needed. Securely fix the arm to the gate using the appropriate bolts and washers. Ensure the arm is level and the gate can move freely. Manually open and close the gate to verify correct bracket positioning before final tightening.



Image: The gate opener arm securely attached to the gate.

5. Install Control Box and Power Supply

Install the control box and the UPS01 Uninterrupted Power Supply. Route all cables through PVC conduit buried underground to protect wiring from damage and environmental factors. Connect the 5-conductor cable from the master arm to the control board. If using solar panels, assemble them and connect them in parallel to the UPS01.

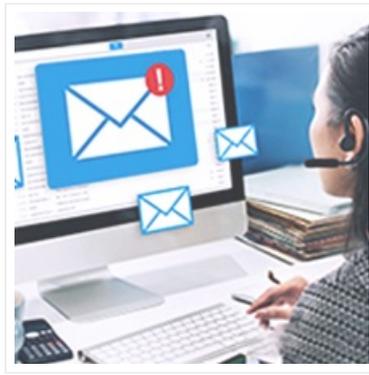


Image: The control box and UPS01 power supply unit.

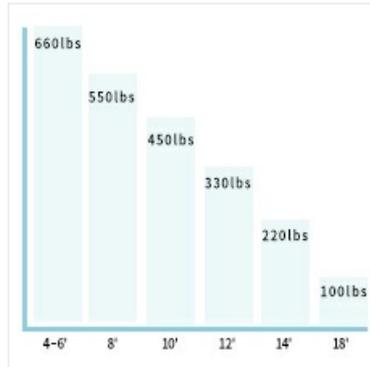


Image: Assembled solar panels for charging the gate opener batteries.



Video: TOPENS AT6132S Gate Opener - Support All the Power Modes, demonstrating wiring for different power configurations.

OPERATING INSTRUCTIONS

The TOPENS AT6132S gate opener offers convenient and secure operation. It features a "soft start and soft stop" function to protect the motor and ensure smooth gate movement. The system also includes an "auto-close" feature for added security, which can be configured to close the gate automatically after a set delay.

Remote Control Operation

The gate opener is operated using the provided remote controls. To program a remote, press the learn button (CODE SW button) on the control board, then press the desired button on the remote twice within 2 seconds. The CODE LED will flash, indicating successful programming. The advanced TOPENS code prevents unauthorized access.

Support All the Power Modes

— Flexible & Durable Ways for Your Selection



AC Electricity

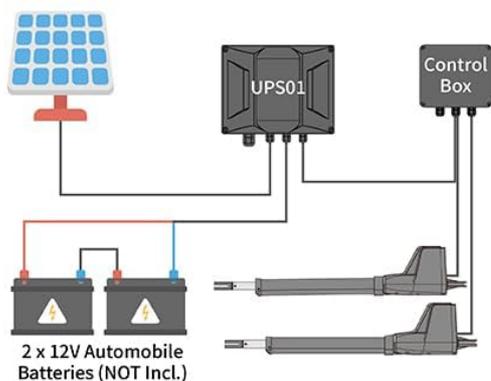


Battery

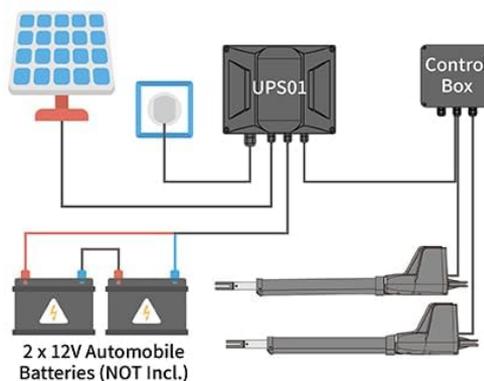


Solar Panels

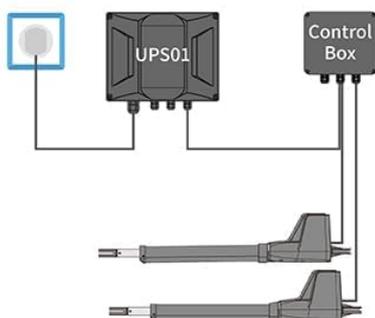
Power Mode 1 By Solar Panels and Batteries



Power Mode 2 By AC Electricity, Solar Panels and Back-up Batteries



Power Mode 3 Use AC Electricity Only



Power Mode 4 By AC Electricity and Back-up Batteries

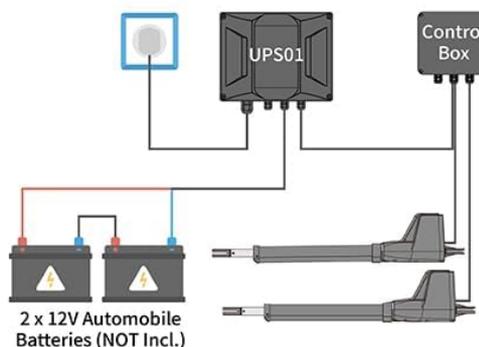


Image: Remote control for operating the gate opener.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your gate opener. Keep all moving parts clean and lubricated. Periodically check for any loose connections or signs of wear on the arms and brackets. Ensure the gate itself remains free of obstructions and operates smoothly manually.

The manual release key (included) should be kept in a safe, accessible location for backup use in case of power outage or remote control loss.

TROUBLESHOOTING

If the gate opener is not functioning as expected, consider the following common issues:

- **Gate not closing correctly:** This might indicate an issue with the limit switch adjustment or an obstruction. Re-adjust the limit switches as per the manual.
- **Remote control failure:** Check the remote's batteries. If the issue persists, try reprogramming the remote.
- **Power issues:** Verify the power supply connections. If using solar power, ensure the solar panels are clean and

receiving adequate sunlight, and that batteries are properly charged.

- **Obstructions:** The safety stop-and-reverse feature activates if obstructions are detected. Clear any objects from the gate's path.
- **Circuit board issues:** In rare cases, a circuit board may need replacement. Contact customer support if other troubleshooting steps fail.

SPECIFICATIONS

Feature	Detail
Model Number	AT6132S
Item Weight	49.9 pounds
Product Dimensions	32.6 x 4.9 x 8.2 inches
Power Source	AC Powered with Solar Panel Remote Control Kit
Gate Capacity (per leaf)	Up to 660 lbs or 18 ft
Motor Type	24VDC 50W motors
Batteries Required	6 CR2 batteries (included for remotes), 2x 12V 12Ah automotive/marine type batteries (NOT included for main power)

WARRANTY AND SUPPORT

TOPENS provides a 30-day exchange and return policy, along with a 12-month warranty. For technical assistance, installation videos, or customized service, please visit the official TOPENS website. TOPENS specialists are available to provide professional and timely solutions for any questions or concerns you may have regarding your gate opener.