

## TOPENS AT12132S

# TOPENS AT12132S Solar Dual Swing Gate Opener Instruction Manual

Model: AT12132S | Brand: TOPENS

## INTRODUCTION

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The TOPENS AT12132S is a heavy-duty automatic gate opener designed for dual swing gates. This system offers flexible power options, including solar and AC power, and is suitable for various gate types up to 18 feet per arm or 880 lbs. per gate leaf. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your gate opener.

Key features include:

- Capable of driving dual swing gates up to 880 lbs. or 18 ft. per leaf.
- Supports solar power with included 20W solar panels.
- Compatible with 24V 12Ah automotive/marine type batteries (not included) for main or backup power.
- Designed for various gate materials including steel, wood, vinyl, panel, tube, and chain-link gates.
- Features safety stop-and-reverse, auto-close, soft start and soft stop functions.
- Includes a manual release key for power outages.

## SETUP AND INSTALLATION

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### Package Contents

Before beginning installation, verify all components are present:

- 1 x UPS01 Uninterrupted Power Supply (IP65 Waterproof)
- 1 x Waterproof Control Box
- 2 x 10W 24V Solar Panel
- 2 x Gate Opener Actuator (Arm), with a 5 feet 5-Conductor Cable per Arm
- 2 x M12 Remote Control Transmitter
- 1 x Full Set of Required Installation Hardware



Image: Complete kit components for the TOPENS AT12132S gate opener, including two actuators, solar panels, control box, UPS, remote controls, and mounting hardware.

## Gate Compatibility and Installation Modes

The AT12132S is designed for various gate types and materials. It supports both pull-to-open (gate swings inwards) and push-to-open (gate swings outwards) installation modes. Refer to the detailed diagrams in the full user manual for specific mounting configurations based on your gate's swing direction and post dimensions.



Image: Visual examples of different gate types (residential, commercial, farm) compatible with the TOPENS AT12132S gate opener.



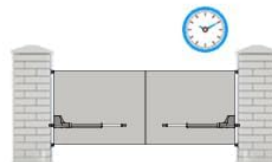
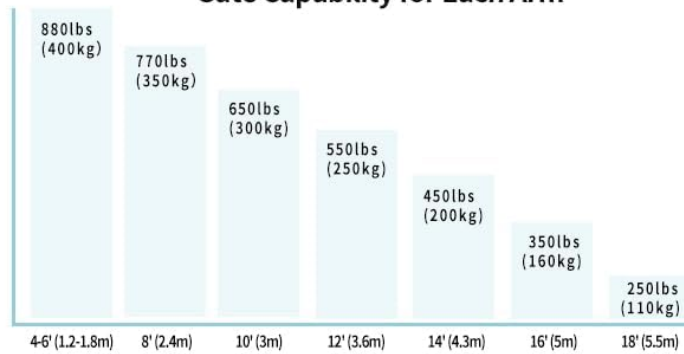
# Why choose TOPENS ?

**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: Diagram showing various features including self-closing, soft start & stop, obstacle adjusting, TOPENS Advanced Security Code, and both pull-to-open (gate swing in) and push-to-open (gate swing out) installation modes.

## Power Supply Options

The system offers flexible power modes:

- **Solar Power:** Utilize the included 20W solar panels to charge a 24V battery system (two 12V batteries connected in series, not included). This allows for off-grid operation.
- **AC Power:** The system can be directly powered by 100-240VAC electricity.
- **Battery Backup:** A 24V 12Ah automotive/marine type battery (not included) can serve as the main power source or as a backup for AC power.

# Support All the Power Modes

— Flexible & Durable Ways for Your Selection



AC Electricity

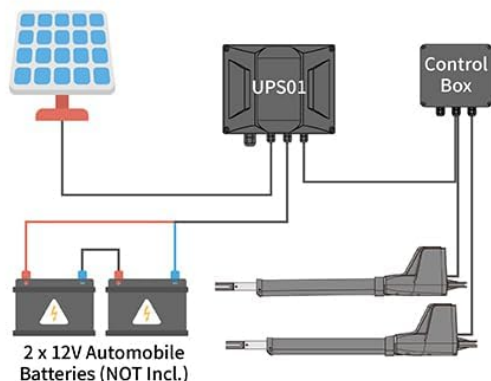


Battery

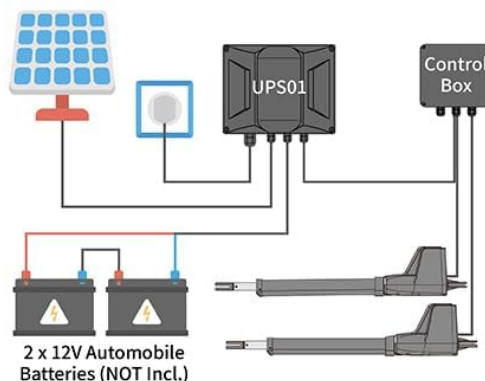


Solar Panels

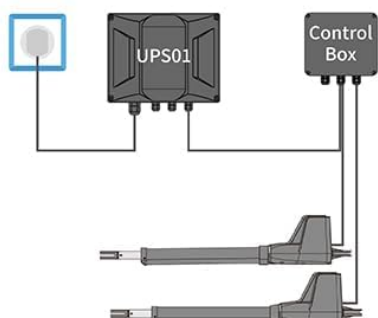
## Power Mode 1 By Solar Panels and Batteries



## 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

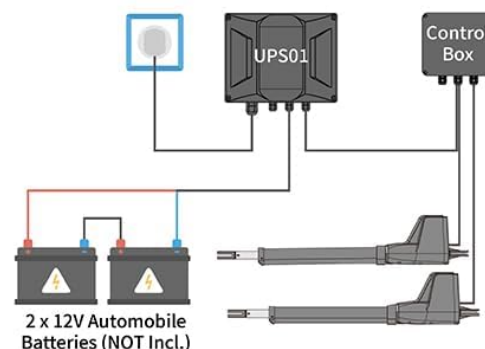


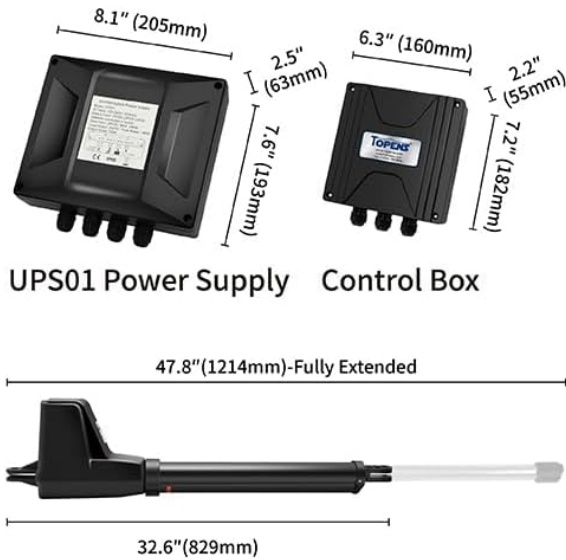
Image: Four diagrams detailing different power configurations: Solar Panels and Batteries, AC Electricity and Batteries, AC Electricity Only, and AC Electricity with Back-up Batteries.

## Physical Dimensions

Understanding the dimensions of the components is crucial for proper installation planning.

- **UPS01 Power Supply:** 8.1" x 7.6" x 2.5" (205mm x 193mm x 63mm)
- **Control Box:** 6.3" x 7.2" x 2.2" (160mm x 182mm x 55mm)
- **Gate Opener Actuator (Arm):** 32.6" (829mm) retracted, 47.8" (1214mm) fully extended.

## Dimensions



## Customer Support

Visit TOPENS website for the user manual & installation video. Enjoy our customized tech support service. Your exclusive customer support specialist will help you get professional & timely solution.

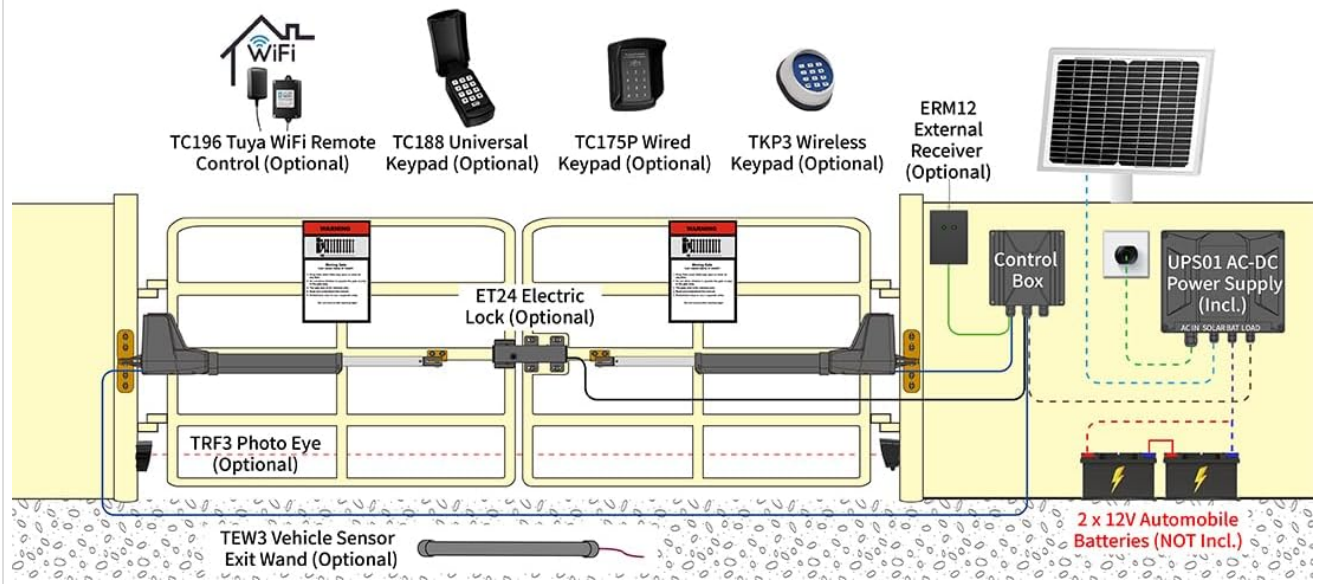


Image: Detailed dimensions for the UPS01 Power Supply, Control Box, and the gate opener actuator arm in both retracted and extended states.

## OPERATION

### Remote Control

The gate opener is operated using the included M12 remote control transmitters. Pressing the designated button on the remote will initiate the gate's opening or closing sequence. The advanced TOPENS code ensures secure access.



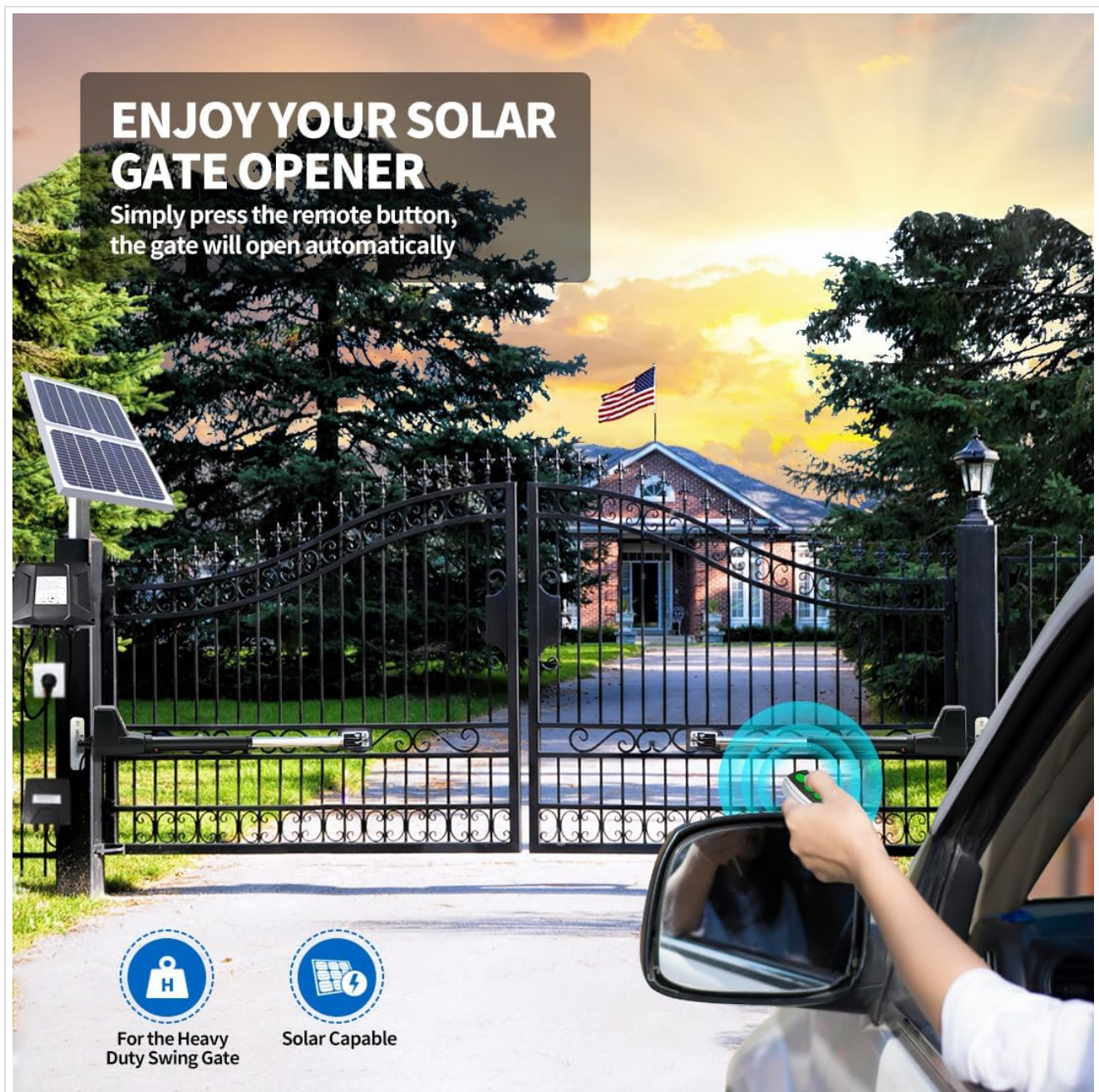


Image: A hand holding a remote control, activating a TOPENS solar gate opener for a dual swing gate.

## Safety Features

The AT12132S incorporates several safety features:

- **Safety Stop-and-Reverse:** If an obstruction is detected during opening or closing, the gate will stop and reverse direction to prevent damage or injury.
- **Auto-Close:** The gate can be programmed to automatically close after a set period, enhancing security.
- **Soft Start and Soft Stop:** This feature ensures smooth gate movement at the beginning and end of cycles, reducing wear and tear on the motor and gate hardware.

## Manual Release

In the event of a power outage or if remote controls are unavailable, the gate can be manually operated using the included manual release key. Insert the key into the actuator and follow the instructions in the full manual to disengage the motor and open the gate by hand.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your TOPENS gate opener. It is recommended to:

- Keep the gate area clear of debris and obstructions.
- Periodically inspect all mounting hardware and connections for tightness.
- Check the condition of the solar panels and clean them as needed to ensure efficient charging.
- Ensure battery terminals are clean and connections are secure if using battery power.
- Lubricate moving parts of the gate hinges and opener arms according to the full user manual's recommendations.

## TROUBLESHOOTING

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If you encounter issues with your gate opener, consider the following general troubleshooting steps:

- **No Power:** Check all power connections, circuit breakers, and battery charge levels. Ensure solar panels are receiving adequate sunlight if applicable.
- **Gate Not Responding:** Verify remote control batteries are functional and properly paired. Check for any physical obstructions preventing gate movement.
- **Gate Stops Mid-Cycle:** This may indicate an obstruction. Clear the path of the gate and reset the system if necessary.
- **Unusual Noises:** Inspect the gate hinges and opener arms for any loose parts or signs of wear.

For detailed troubleshooting guides and error codes, please refer to the comprehensive user manual available on the TOPENS website or contact customer support.

## TECHNICAL SPECIFICATIONS

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Specification	Detail
Manufacturer	TOPENS
Model Number	AT12132S
Item Weight	54.9 pounds
Product Dimensions	32.64 x 4.88 x 8.19 inches
Gate Capability (per arm)	Up to 880 lbs. or 18 ft.
Motor Voltage & Power	24VDC & 80W
Power Supply Modes	100-240VAC Electricity, Solar, 2 x 12V Battery (Not Incl.)
Batteries Included	6 CR2 batteries (for remotes)
Usage	General Purpose
Included Components	UPS01, Control Box, 2x 10W Solar Panels, 2x Actuators, 2x Remotes, Hardware

## COMPATIBLE ACCESSORIES

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TOPENS offers a range of compatible accessories to enhance the functionality and convenience of your gate



opener system. These can be purchased separately.

# Compatible Accessories

Available at TOPENS Online Store



**TC196 Tuya WiFi Remote Control**



**TC188 Universal Keypad**



**TC175P Wired Keypad**



**TKP3 Wireless Keypad**



**TEW3 Vehicle Sensor Exit Wand**



**HLR01 Homelink Remote Control Kit**



**ET24 Electric Gate Lock**



**TSQ20W 24V 20W Solar Panel Kit**



**TRF3 Reflection Photocell Sensor**



**TC102 Photo Eye Beam Sensor**



**JD24VY Warning Light**



**25FT Extension 5 Conductor Cable**



**M12 Remote Control Transmitter**



**ERM12 Universal External Receiver**



**TC148 Waterproof Wall Push Button**



**TC173 Wireless Push Button**

Image: A collage of compatible accessories including various remote controls, keypads, vehicle sensors, photocell sensors, warning lights, and extension cables.

Examples of compatible accessories include:

- TC196 Tuya WiFi Remote Control
- TC188 Universal Keypad
- TKP3 Wireless Keypad
- TEW3 Vehicle Sensor Exit Wand
- TRF3 Reflection Photocell Sensor
- TC102 Photo Eye Beam Sensor
- ET24 Electric Gate Lock

# WARRANTY AND CUSTOMER SUPPORT

TOPENS provides a **12-month warranty** for the AT12132S gate opener. For any questions, technical assistance, or warranty claims, please visit the official TOPENS website or contact their customer support team. They offer professional and timely solutions to ensure customer satisfaction.






Image: Icon representing customer support services.



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## Related Documents - AT12132S

 <p>The image shows the cover of the TOPENS AT6132/AT12132 Dual Swing Gate Opener User's Manual. It features the TOPENS logo, the product name, and a diagram of the gate opener mechanism. The cover also includes a QR code and some technical specifications.</p>	<p><a href="#">TOPENS AT6132/AT12132 Dual Swing Gate Opener User Manual</a></p> <p>Comprehensive user manual for TOPENS AT6132 and AT12132 series dual swing gate openers. Covers installation, safety, operation, maintenance, and troubleshooting for automatic driveway gates.</p>
 <p>The image shows the cover of the TOPENS DKC500(S/Y) Sliding Gate Opener User's Manual. It features the TOPENS logo, the product name, and a diagram of the sliding gate opener. The cover also includes a QR code and some technical specifications.</p>	<p><a href="#">TOPENS DKC500(S/Y) Sliding Gate Opener User's Manual</a></p> <p>This user manual provides comprehensive instructions for the installation, operation, and maintenance of the TOPENS DKC500(S/Y) Sliding Gate Opener. It includes safety precautions, parts lists, technical specifications, and troubleshooting guides.</p>
 <p>The image shows the cover of the TOPENS DKR1100ST Solar Sliding Gate Opener Installation Manual. It features the TOPENS logo, the product name, and a diagram of the solar sliding gate opener. The cover also includes a QR code and some technical specifications.</p>	<p><a href="#">TOPENS DKR1100ST Solar Sliding Gate Opener Installation Manual</a></p> <p>Comprehensive installation manual for the TOPENS DKR1100ST Solar Sliding Gate Opener. Learn how to install and operate this heavy-duty, battery-powered automatic gate motor for driveway gates up to 2600lbs, featuring solar panel and remote control.</p>



### [TOPENS Automatic Gate Openers - RK1200T, AT1202, A8131 Product Overview](#)

Explore the TOPENS range of automatic gate openers, featuring the RK1200T sliding gate opener, AT1202 dual swing gate opener, and A8131 single swing gate opener. Learn about their robust features, security benefits, and specifications for driveway automation.



### [TOPENS Dual Swing Gate Opener User's Manual: Models A3132, A5132, A8132](#)

User manual for TOPENS Dual Swing Gate Opener models A3132, A5132, A8132 (and S variants). Provides detailed instructions for installation, setup, operation, maintenance, and troubleshooting of automatic gate systems.



### [TOPENS Dual Swing Gate Opener User's Manual](#)

Comprehensive user manual for TOPENS Dual Swing Gate Openers, including models PW302, PW502, and PW802. This guide covers installation, operation, maintenance, and troubleshooting for automatic gate systems.