TOPENS PW502

User Manual for TOPENS PW502 Automatic Dual Swing Gate Opener

Model: PW502 | Brand: TOPENS

Introduction

The TOPENS PW502 Automatic Dual Swing Gate Opener is designed to provide convenient and secure access for medium-duty dual swing gates. This manual provides essential information for the safe installation, operation, maintenance, and troubleshooting of your gate opener system.

Safety Information

Always prioritize safety during installation and operation. Read all instructions carefully before use. Ensure the gate area is clear of obstructions and people before operating. Disconnect power before performing any maintenance or adjustments. Keep remote controls out of reach of children.

Package Contents

The TOPENS PW502 kit includes the following components:

- 2 x Gate Opener Actuator (Arm) with 5-conductor cable
- 1 x DPS180-U AC-DC Power Supply
- 1 x Full Set of Required Installation Hardware
- 2 x M12 Remote Control Transmitter
- 1 x Control Box



Image: Overview of the TOPENS PW502 kit components, including two gate opener arms, control box, power supply, remote controls, and mounting hardware.

Setup and Installation

The TOPENS PW502 is designed for easy DIY installation. Basic tools are required. For detailed step-by-step guidance, please refer to the installation video and the user manual provided on the TOPENS website.

Gate Capability

This medium-duty gate opener can operate dual swing gates up to a maximum of 550 lbs in weight or 16 ft in length per gate leaf.

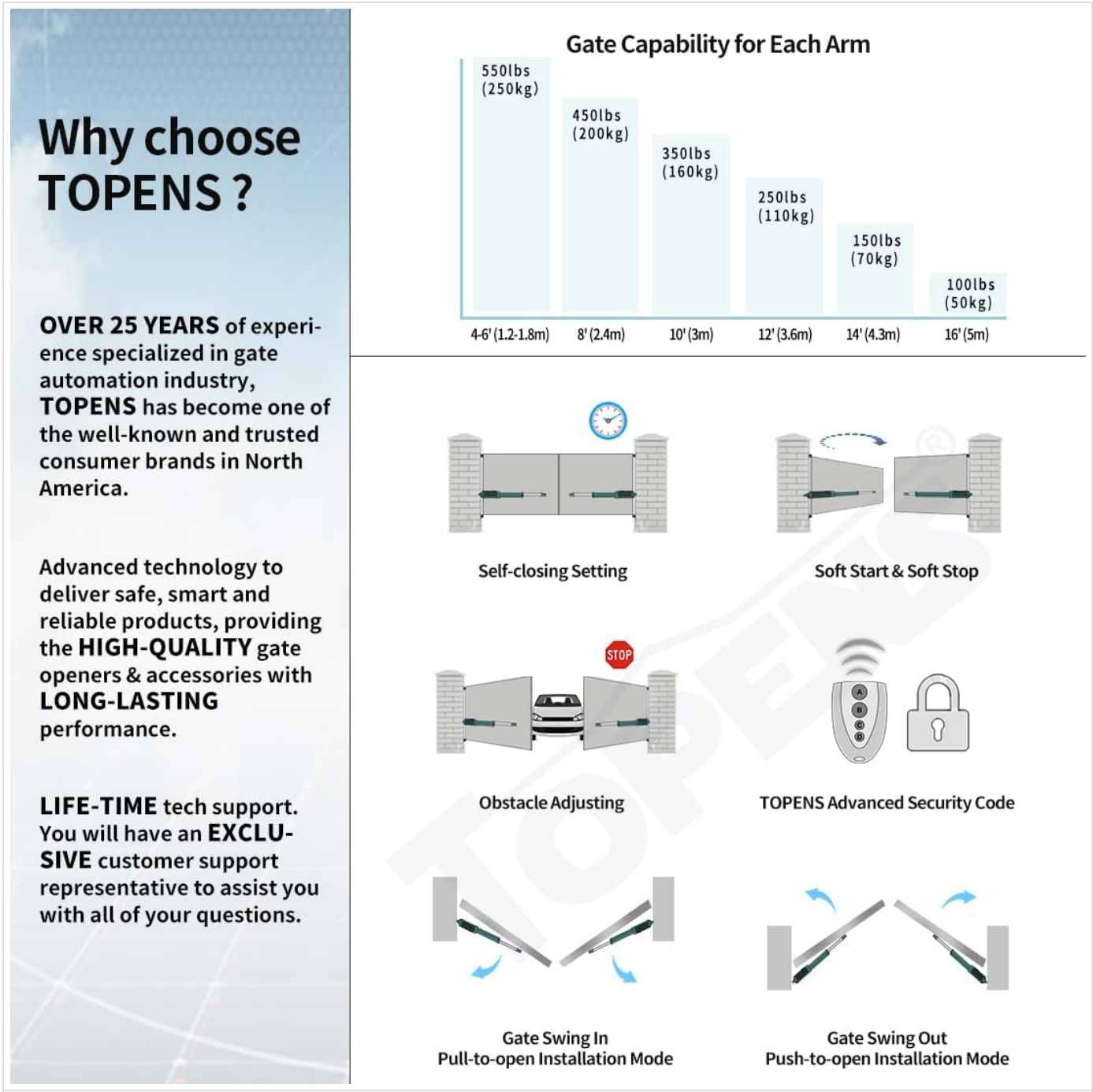


Image: Chart illustrating the maximum gate weight capacity based on gate length for the PW502 model.

Power Modes

The system offers flexible power options:

- **Power Mode 1:** Direct 100-240VAC electricity using the included DPS180-U power supply.
- **Power Mode 2:** AC Electricity with optional 24V 12Ah automotive/marine type backup batteries (not included) via UPS01 adapter (not included).
- **Power Mode 3:** Solar Panels and Batteries (not included) with a solar charge controller (not included).
- **Power Mode 4:** AC Electricity, Solar Panels, and Batteries (not included) using UPS01 adapter (not included).

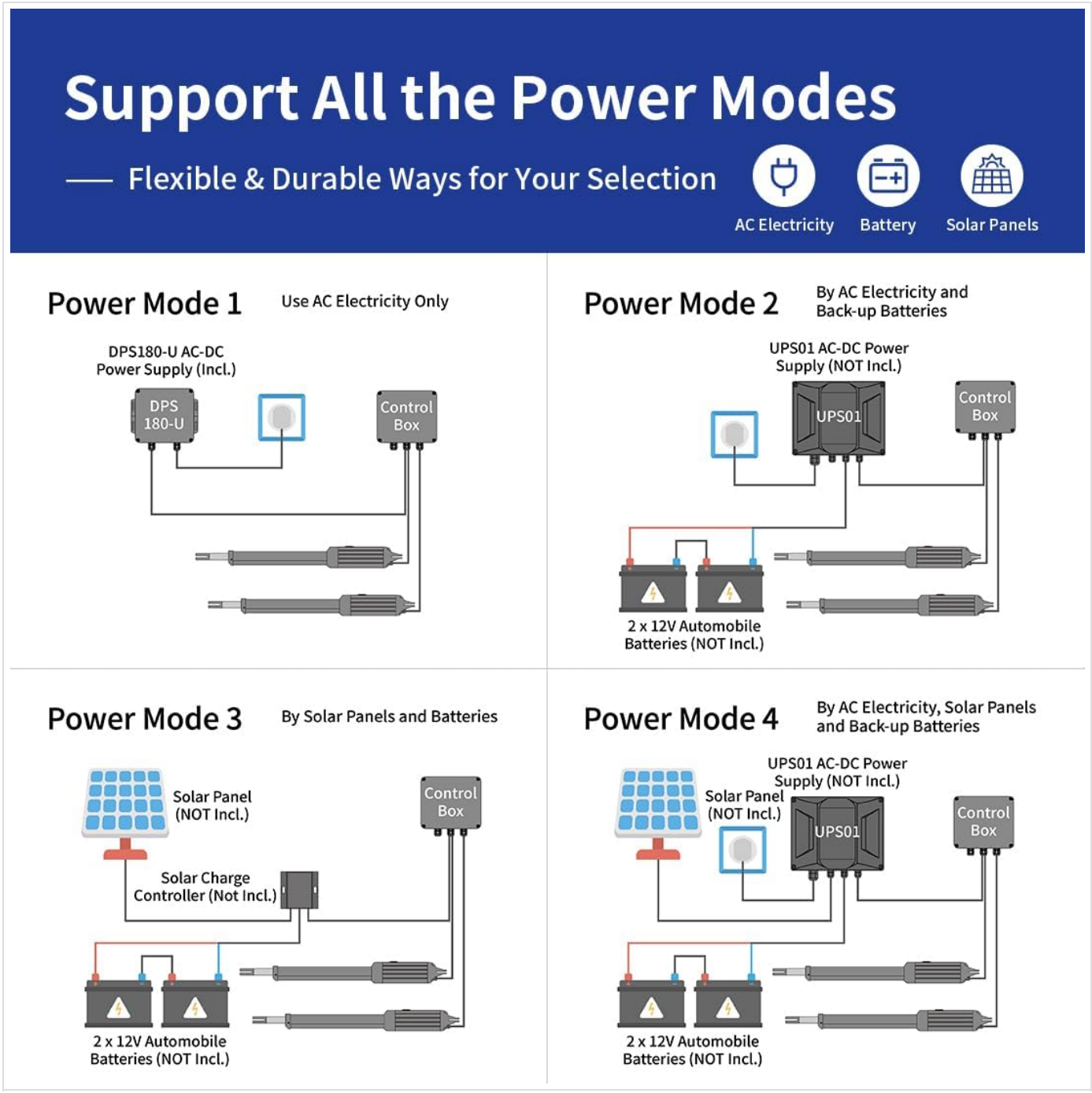


Image: Visual representation of the various power configurations available for the gate opener system.

Installation Video

For a comprehensive visual guide on installing your TOPENS PW502/PW802 gate opener, please watch the official installation video:

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Video: Detailed instructions on how to install the TOPENS PW502/PW802 Dual Gate Opener.

Gate Opening Direction

The PW502 supports both pull-to-open and push-to-open installations, allowing flexibility based on your gate's design and your preferences.



Image: This diagram illustrates the physical dimensions of the DPS180-U Power Supply, Control Box, and the gate opener actuator, along with a visual representation of various optional accessories and their typical installation points.

Operating Instructions

Operating your TOPENS PW502 gate opener is simple and convenient.

Remote Control Operation

Simply press the button on your remote control to open or close the gate automatically. The remotes use advanced TOPENS code technology for secure operation.

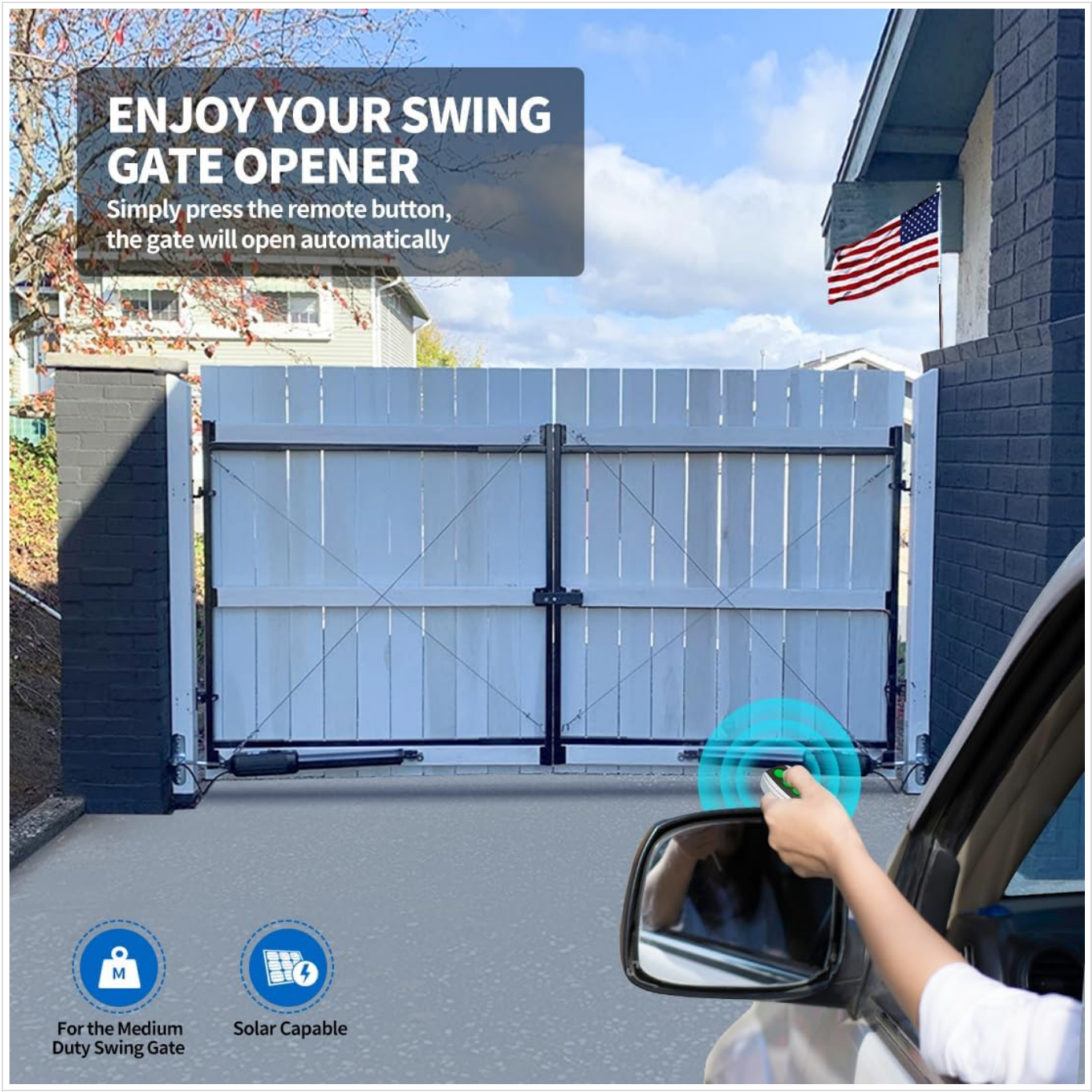


Image: A person inside a vehicle using a remote control to activate the automatic dual swing gate opener.

Key Features

- **Soft Start and Soft Stop:** This feature ensures smooth gate movement, reducing wear and tear on the motor and extending its lifespan.
- **Obstacle Detection:** The system is equipped with a stop-and-reverse function that detects obstacles during gate operation, enhancing safety.
- **Auto-Close Feature:** For added security, the gate can be programmed to close automatically after a set period.
- **Manual Release Key:** In case of power outage or system malfunction, a manual release key is included for emergency gate operation.

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Video: Demonstration of the TOPENS PW502/PW802 Gate Opener powered by AC Electricity, showcasing its smooth operation.

Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your gate opener. Perform the following checks periodically:

- Keep the gate area clean and free of debris.
- Inspect all mounting hardware and connections for tightness.
- Check the gate's hinges and ensure they operate smoothly without excessive friction.
- Test the obstacle detection feature regularly to ensure it functions correctly.
- Ensure the manual release mechanism is accessible and functional.

Troubleshooting

If you encounter issues with your TOPENS PW502 gate opener, consider the following common troubleshooting steps:

- **Gate not opening/closing:** Check power supply connections. Ensure remote control batteries are not depleted. Verify that no obstacles are blocking the gate's path.
- **Gate stops unexpectedly:** This may indicate an obstruction. Clear the path and re-test. Check for any physical binding or resistance in the gate's movement.
- **Remote control not working:** Replace remote batteries. Ensure the remote is properly programmed to the control board.
- **Unusual noises:** Inspect the gate and opener arms for loose components or signs of wear. Lubricate hinges if necessary.

For more detailed troubleshooting or persistent issues, please contact TOPENS customer support.

Specifications

Feature	Detail
Manufacturer	TOPENS
Part Number	PW502
Item Weight	35.4 pounds
Product Dimensions	33.66 x 3.31 x 4.09 inches
Country of Origin	China
Item Model Number	PW502
Batteries (Included)	6 CR2 batteries
Size	Dual Swing Gate Opener Medium Duty
Color	Black
Finish	Mixed
Voltage	24 Volts
Wattage	50 watts
Horsepower	0.07

Feature	Detail
Item Package Quantity	1
Sound Level	50 dB
Usage	General Purpose
Included Components	2 x Gate Opener Actuator (Arm), 1 x DPS180-U AC-DC Power Supply, 1 x Full Set of Required Installation Hardware, 2 x M12 Remote Control Transmitter, 1 x Control Box
Date First Available	May 30, 2018

Warranty and Support

All TOPENS products come with a **12-month warranty** against defects and a **30-day exchange & return policy**. TOPENS is committed to providing excellent technical support and professional solutions for any questions or assistance you may need.
For further information, including the full user manual and additional installation videos, please visit the official TOPENS website.
Your dedicated customer support specialist is ready to help you.
Enjoy an easier and smarter life with your TOPENS gate opener!

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question