Yinole Y80

Yinole Y80 Solar Powered Robotic Pool Skimmer User Manual

Model: Y80

Introduction

Thank you for choosing the Yinole Y80 Solar Powered Robotic Pool Skimmer. This device is designed to efficiently clean the surface of your pool, removing floating debris such as leaves, dust, and insects. Featuring dual charging options (solar and adapter), intelligent navigation, and self-parking capabilities, the Y80 provides a convenient and effective solution for maintaining a clean pool. Please read this manual thoroughly before operating the skimmer to ensure proper use and maintenance.



Figure 1: Front view of the Yinole Y80 Solar Powered Robotic Pool Skimmer.

Safety Information

- Always ensure the skimmer is fully charged before initial use.
- Do not operate the skimmer if any part is damaged or if water has entered the internal components.
- Keep hands, hair, and loose clothing away from moving parts during operation.
- This device is designed for pool surface cleaning only. Do not use it for other purposes.
- Supervise children and pets around the pool area when the skimmer is in operation.
- Disconnect the skimmer from any charging source before performing maintenance or cleaning.
- Store the skimmer in a cool, dry place when not in use.

Package Contents

Please check the package contents to ensure all items are present:

- Yinole Y80 Robotic Pool Skimmer
- Power Adapter for charging
- Remote Control
- User Manual (this document)

Setup

1. **Unpack the Skimmer:** Carefully remove the Y80 skimmer and all accessories from its packaging.
2. **Unfold Solar Panels:** Before first use, pull out the drawer frame and unfold the solar panels located on the top of the unit. This prepares the skimmer for solar charging and operation.



Figure 2: Illustration of unfolding the solar panels for operation.

3. **Charge the Battery:** The Y80 offers dual charging options.
    - **Solar Charging:** Place the skimmer in direct sunlight. The solar panels will automatically charge the internal battery.
    - **Adapter Charging:** For faster charging or when sunlight is insufficient, connect the provided power adapter to the skimmer's charging port and plug it into a standard electrical outlet. A full charge takes approximately 5 hours.



Figure 3: Dual charging options for the Y80 skimmer.

4. **Activate the Skimmer:** Once charged, place the skimmer gently onto the surface of your pool. Activate it using the power switch on the unit or the remote control.

Operation

The Yinole Y80 is designed for autonomous pool surface cleaning.

- **Automatic Cleaning:** Once activated, the skimmer will automatically navigate across the pool surface, collecting floating debris into its internal basket.



Figure 4: The Y80 skimmer in action, demonstrating powerful cleaning performance.

- **Self-Parking Feature:** When the battery level is low or the cleaning cycle is complete, the Y80 will automatically navigate to the edge of the pool and park itself for easy retrieval and recharging.



Figure 5: The self-parking function of the Y80 skimmer.

- **Spot-Cleaning Mode:** Use the remote control to direct the skimmer to specific areas for targeted cleaning of concentrated debris.



Figure 6: The Y80 skimmer in Spot-Cleaning Mode.

- **Smart Obstacle Avoidance:** The skimmer is equipped with sensors to intelligently identify and avoid obstacles in the pool, adjusting its cleaning route as needed.



Figure 7: Smart Obstacle Avoidance system.

- **Control Options:** The skimmer can be controlled via its integrated power switch or the provided remote control for manual navigation and mode selection.



Figure 8: Control options for the Y80 skimmer.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your Y80 skimmer.

- **Clean the Debris Basket:** The skimmer is equipped with a 6L large capacity debris basket. It is essential to clean the debris basket regularly, or as needed, to prevent clogging and maintain efficient cleaning.
    a. Retrieve the skimmer from the pool.
    b. Open the top cover of the skimmer.
    c. Remove the debris basket.
    d. Empty the collected debris and rinse the basket with clean water.
    e. Reinsert the clean basket and close the cover securely.



Figure 9: Cleaning the 6L large capacity debris basket.

- **Clean the Skimmer Exterior:** Periodically wipe down the exterior of the skimmer with a soft, damp cloth to remove any residue or buildup.
- **Store Properly:** When not in use for extended periods, ensure the skimmer is clean, dry, and fully charged. Store it in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

If you encounter issues with your Y80 skimmer, please refer to the following common solutions:

Problem	Possible Cause	Solution
Skimmer does not turn on.	Battery is low or depleted.	Charge the skimmer using the power adapter or by placing it in direct sunlight.
Skimmer is not moving or cleaning effectively.	Debris basket is full or clogged.	Remove and clean the debris basket.

Problem	Possible Cause	Solution
Skimmer gets stuck frequently.	Obstacles in the pool or uneven pool surface.	Ensure the pool area is clear of large obstacles. If the issue persists, manually guide the skimmer away from problem areas.
Remote control is not working.	Remote battery is low or depleted.	Replace the batteries in the remote control.

If the problem persists after trying these solutions, please contact customer support.

Specifications

Feature	Detail
Model Name	Y80
Power Source	Solar Powered
Battery Type	Lithium-Ion
Battery Energy Content	36.72 Watt Hours
Charging Time	5 Hours
Control Method	Remote
Debris Basket Capacity	6 Liters
Product Dimensions	12.95 x 7.83 x 17.32 inches
Item Weight	9.83 pounds
Material	Plastic
Color	Black

Warranty and Support

The Yinole Y80 Solar Powered Robotic Pool Skimmer comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions.
For technical support, troubleshooting assistance, or warranty claims, please contact Yinole customer service through the retailer where you purchased the product or visit the official Yinole website.

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

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

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