

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Zigma](#) /

› [Zigma Solar Powered Robotic Pool Skimmer User Manual](#)

Zigma Y90

Zigma Solar Powered Robotic Pool Skimmer User Manual

Model: Y90

1. INTRODUCTION

The Zigma Y90 Solar Powered Robotic Pool Skimmer is designed to efficiently clean the surface of your pool, removing leaves, bugs, and pollen. Featuring advanced solar charging, smart obstacle avoidance, and dual cleaning modes, it provides a hassle-free solution for maintaining a pristine pool environment. This manual provides essential information for setup, operation, and maintenance.

2. PRODUCT FEATURES

- **All-Day Continuous Cleaning:** Upgraded solar charging system provides continuous and optimal cleaning performance. A single full charge via adapter powers the skimmer for up to 12 hours, effective even on rainy or cloudy days.
- **Double Comprehensive Cleaning:** Offers two cleaning modes: circulation mode and edge mode, for thorough surface cleaning.
- **Self-Parking Technology:** Automatically parks alongside the pool edge when low on battery or cleaning is finished, allowing for easy retrieval.
- **Upgraded Materials:** Equipped with salt- and chlorine-tolerant motors, suitable for both saltwater and chlorine pools. Features a UV-resistant coating for durability.
- **Intelligent Obstacle Avoidance:** Advanced intelligent navigation and ultrasonic radar detection allow the cleaner to detect and avoid obstacles in real-time, planning optimal cleaning routes without manual intervention.

3. WHAT'S IN THE BOX

Verify that all components are present upon unboxing:

- 1x Robotic Pool Skimmer
- 1x User Manual
- 1x Charging Cable

- 1x User Operating Guide



Image: Contents of the Zigma Robotic Pool Skimmer package.

4. SETUP

1. **Unboxing:** Carefully remove the Zigma Robotic Pool Skimmer and all accessories from its packaging.
2. **Initial Charge:** Before first use, ensure the device is fully charged using the provided charging cable. Connect the Type-C cable to the charging port on the skimmer and plug the other end into a suitable power adapter. The indicator light will show charging status.
3. **Placement:** Once charged, place the skimmer gently onto the surface of your pool. Ensure it floats freely and is not obstructed by pool edges or other objects.
4. **Power On:** Locate the power button on the top of the skimmer and press it to turn on the device. The skimmer will begin its automatic cleaning cycle.

Dual Charging Options

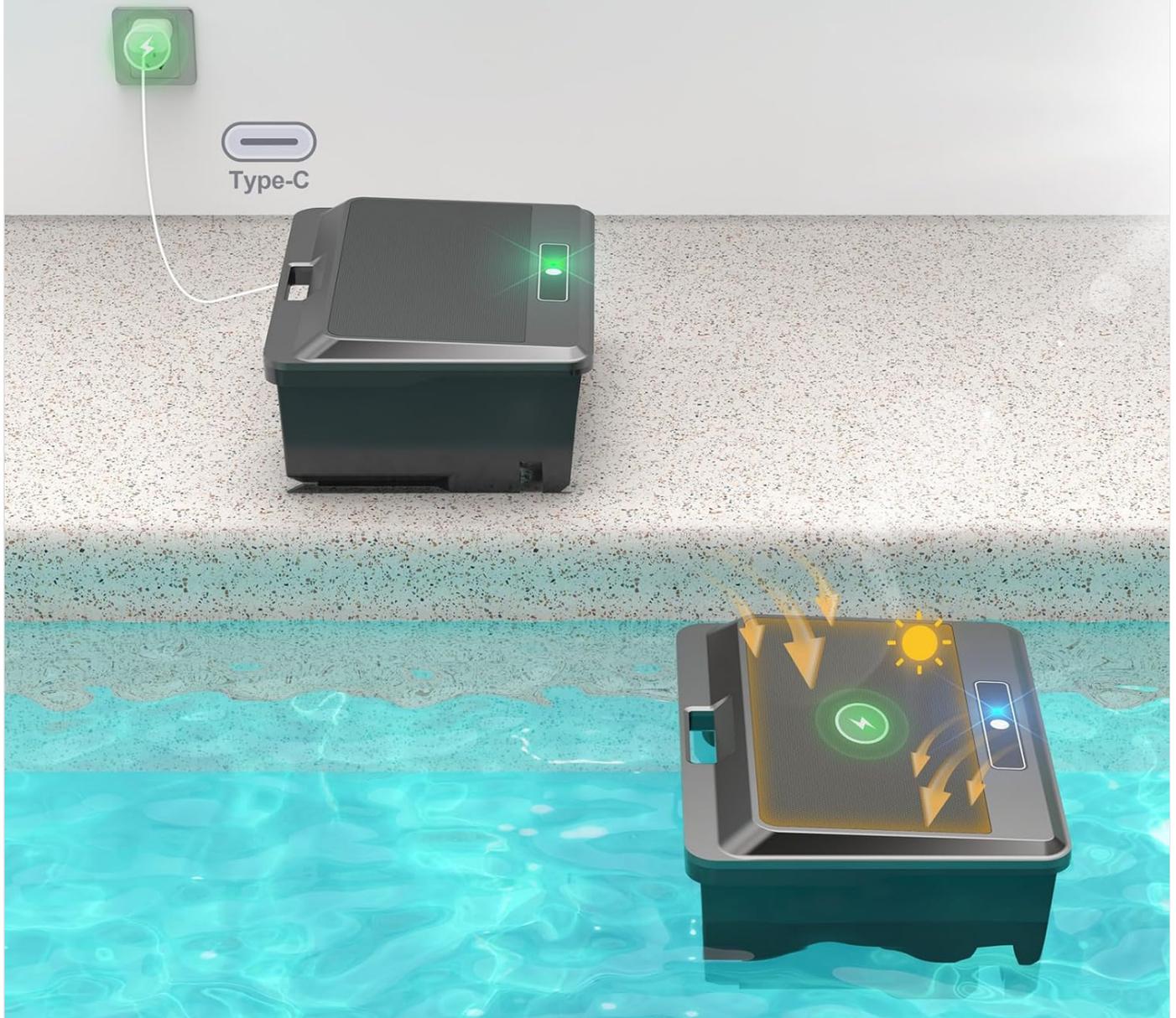


Image: Dual charging options for the Zigma Robotic Pool Skimmer.

5. OPERATING THE SKIMMER

The Zigma Robotic Pool Skimmer operates autonomously, utilizing its intelligent navigation system. It offers continuous cleaning and smart obstacle avoidance.

- **Automatic Operation:** Once powered on and placed in the water, the skimmer will automatically begin its cleaning routine, navigating the pool surface to collect debris.
- **Cleaning Modes:** The skimmer features two primary cleaning modes:
 - **Circulation Mode:** For general surface cleaning across the entire pool.
 - **Edge Mode:** Focuses on cleaning along the pool's perimeter.
- **Smart Obstacle Avoidance:** Equipped with ultrasonic radar detection, the skimmer intelligently identifies and avoids obstacles, ensuring uninterrupted cleaning.
- **Self-Parking:** When the battery is low or the cleaning cycle is complete, the skimmer will automatically return to the

pool edge for easy retrieval.

- **App Support:** The device supports Bluetooth control via a dedicated Zigma APP, allowing users to monitor work status, charge remaining, cleaning time, and control movement (pause/start, direction, speed).

Your browser does not support the video tag.

Video: Demonstration of the Zigma Y90 Solar Robotic Pool Skimmer in operation, highlighting its features and ease of use.



Image: Intelligent mapping feature for optimized cleaning paths.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Zigma Robotic Pool Skimmer.

- **Emptying the Debris Basket:** The skimmer is equipped with a large capacity debris basket. Periodically remove the basket and empty collected leaves, bugs, and other debris.
- **Cleaning the Basket:** After emptying, rinse the debris basket with clean water to remove any remaining small particles.

- **General Cleaning:** Wipe down the exterior of the skimmer with a soft, damp cloth as needed to remove any residue or buildup.
- **Storage:** When not in use for extended periods, store the skimmer in a cool, dry place away from direct sunlight.



Image: The skimmer's self-parking feature for easy retrieval and maintenance.

7. TROUBLESHOOTING

If you encounter issues with your Zigma Robotic Pool Skimmer, refer to the following common troubleshooting steps:

- **Skimmer not moving or unresponsive:**
 - Check battery level. Ensure the device is fully charged.
 - Verify the power button is pressed and the indicator light is on.
 - Ensure no debris is obstructing the propellers or internal mechanisms.
- **Poor cleaning performance:**

- Empty and clean the debris basket. A full basket reduces efficiency.
 - Check for any blockages in the intake area.
 - Ensure the pool surface is not excessively turbulent, which can hinder navigation.
- **Skimmer getting stuck:**
 - Confirm the intelligent obstacle avoidance system is functioning (check for indicator lights if applicable).
 - Remove any large floating objects from the pool that might be difficult for the skimmer to navigate around.

For persistent issues not covered here, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Zigma
Model Name	Y90
Product Dimensions	17.32 x 12.95 x 7.83 inches
Item Weight	6.74 pounds
Power Source	Solar Powered
Color	Black Grey
Motor Tolerance	Salt- and Chlorine-Tolerant
UV Resistance	Yes (UV-resistant coating)
Cleaning Modes	Circulation Mode, Edge Mode
Obstacle Avoidance	Intelligent Navigation, Ultrasonic Radar Detection
App Support	Yes (Zigma APP via Bluetooth)

9. WARRANTY AND SUPPORT

The Zigma Robotic Pool Skimmer includes a **one-year product warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable operation under normal use conditions.

For technical support, warranty claims, or any inquiries regarding your product, please refer to the contact information provided in the User Operating Guide included in your package or visit the official Zigma website.