

AIPER Surfer S2

AIPER Surfer S2 Robotic Solar Pool Skimmer User Manual

Model: Surfer S2

Brand: AIPER

1. INTRODUCTION

The AIPER Surfer S2 Robotic Solar Pool Skimmer is designed to provide continuous and efficient surface cleaning for your swimming pool. Featuring solar charging capabilities, smart obstacle avoidance, and convenient app support, the Surfer S2 helps maintain a pristine pool surface with minimal effort. This manual provides essential information for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your device.

2. WHAT'S IN THE BOX

- AIPER Surfer S2 Main Unit
- Filter Basket
- DC Charging Adapter
- Foam Noodle (Orange)

3. SETUP

Follow these steps to prepare your AIPER Surfer S2 for its first use:

1. **Initial Charging:** For optimal performance, fully charge the Surfer S2 using the provided DC adapter before its first use. While solar charging provides continuous power, an initial full charge ensures readiness.
2. **Install Chlorine Tablets (Optional):** The Surfer S2 features an adjustable chlorine dispenser. Install 3-inch chlorine tablets (not included) into the dispenser for continuous water treatment.
3. **Placement in Pool:** Carefully place the AIPER Surfer S2 into your pool. Ensure it is in a location with sufficient sunlight for effective solar charging.
4. **App Connection:** Download the official AIPER App from your device's app store. Follow the in-app instructions to connect your Surfer S2. The app allows for remote control, scheduling, and monitoring.

5. **Foam Noodle Placement:** The foam noodle (orange) is included to prevent the skimmer from getting stuck in certain areas. If your pool has skimmer ports or steps where the device might get stuck, place the foam noodle in the skimmer port. Remove it from the filter basket if it's there to avoid affecting normal operation.

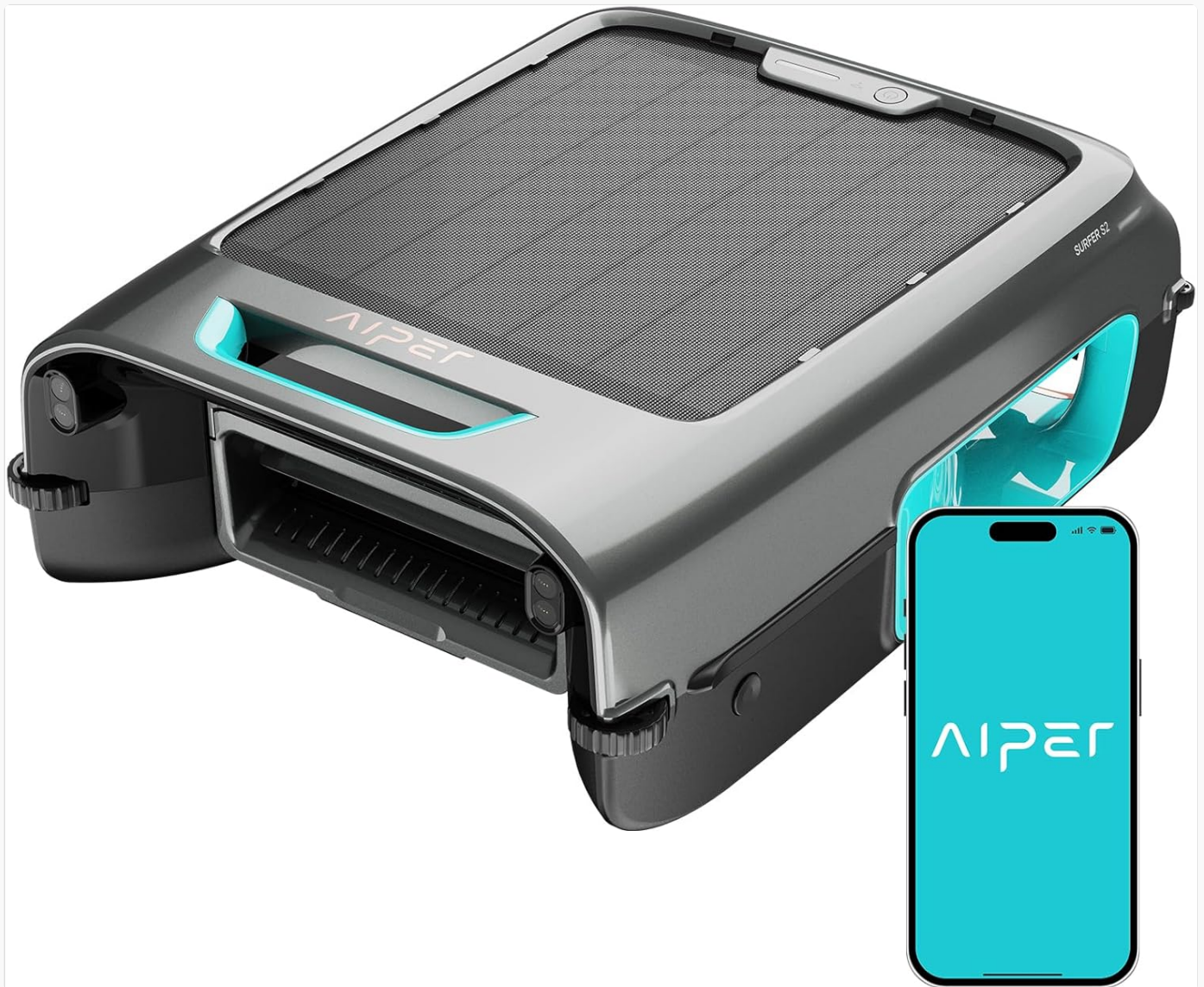


Figure 3.1: AIPER Surfer S2 Robotic Solar Pool Skimmer ready for deployment.

35H Battery Meets Infinite Sun Power

24/7 Continuous Cleaning
with SolarSeeker™ Tech

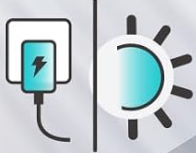


Figure 3.2: The large solar panel on the Surfer S2 for continuous charging.

4. OPERATING

The AIPER Surfer S2 is designed for autonomous operation, but offers smart controls for enhanced user experience.

4.1. 24/7 Cleaning Performance

With sufficient sunlight, the Surfer S2 utilizes its solar panel for continuous operation. On cloudy days, a single charge via the DC adapter can provide up to 35 hours of cleaning time, ensuring your pool surface remains clean around the clock.

4.2. Smart App Control

The AIPER App provides comprehensive control over your Surfer S2. You can:

- Start or stop the device remotely.
- Set custom cleaning schedules.
- Steer the device manually for targeted spot cleaning.

- Track cleaning progress and view history.
- Receive instant blocking alerts for obstacles.



Figure 4.1: Control your Surfer S2 with the intuitive AIPER App.

4.3. Obstacle Avoidance and Edge Cleaning

Equipped with dual sensors and AIPER's Smart Algorithms, the Surfer S2 effectively avoids obstacles and performs precise cleaning, even reaching hard-to-access edges and corners of your pool. Its anti-stuck design with four retractable anti-stranding columns prevents it from getting trapped on pool steps, ensuring uninterrupted operation.

APP Support

Efficient and Flexible Cleaning



Cleaning Log



Targeted Spot

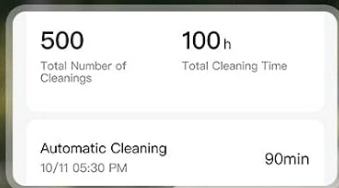
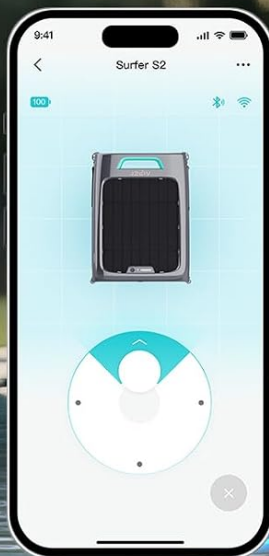


Figure 4.2: The Surfer S2 navigating pool edges for thorough cleaning.

Chlorine Dispenser

1. Place chlorine tablets for efficient pool cleaning
2. Adjust flow rate to control chlorine levels
3. Fits chlorine tablets up to 3" diameter × 1" thick



Figure 4.3: Retractable columns prevent the skimmer from getting stuck on steps.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your AIPER Surfer S2.

5.1. Filter Basket Cleaning

The Surfer S2 features a 150-micron filtration system and DebrisGuard anti-leak design to effectively capture debris. Regularly check and empty the filter basket to maintain optimal suction and prevent overflow. To clean, simply remove the basket and rinse it thoroughly with a hose.

Fine Filtration, No Leaks



DebrisGuard™
leak-proof baffle

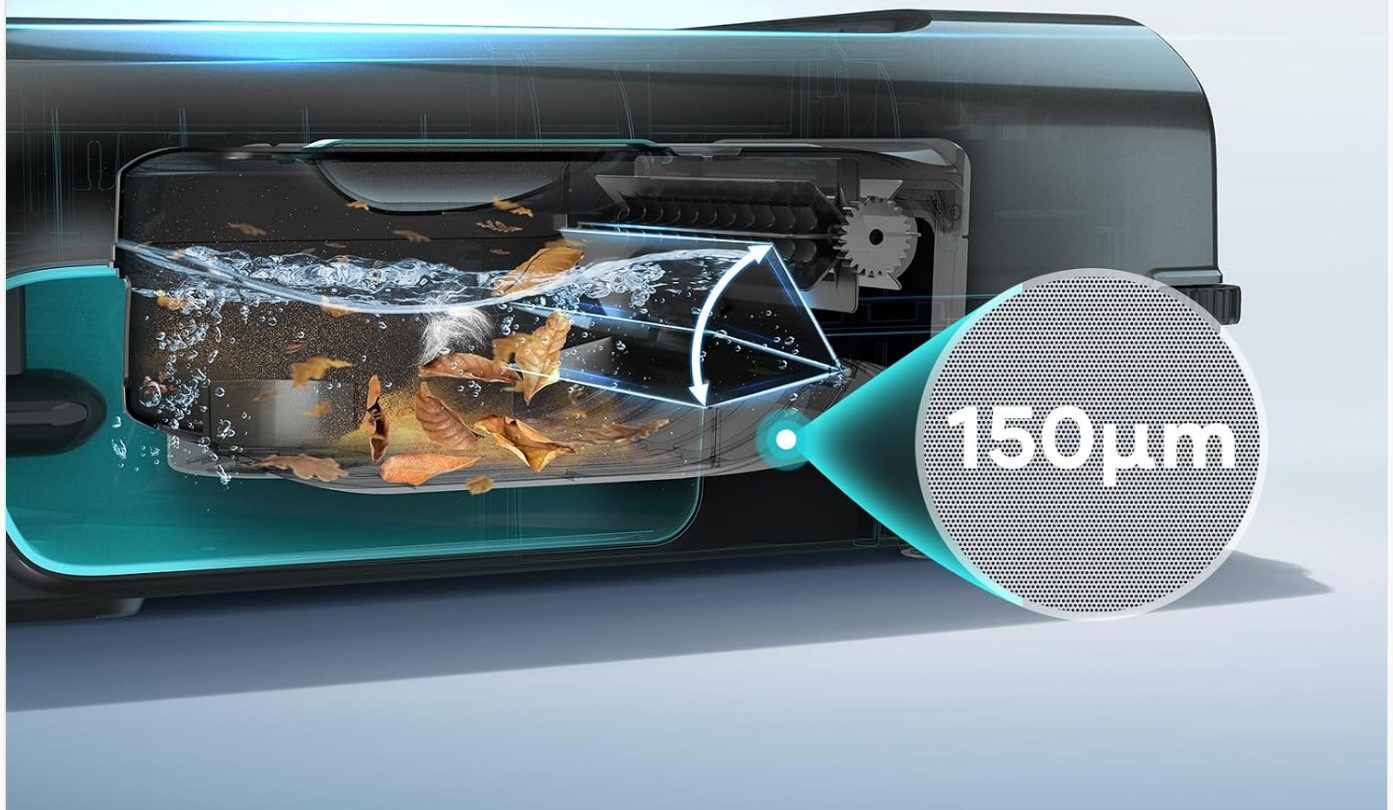


Figure 5.1: The fine filtration system captures various types of debris.

5.2. General Product Care

- Avoid direct exposure to harsh chemicals.
- Clean the device as needed to maintain performance.
- Ensure the charging port is dry before charging.
- The unit is built with UV-resistant materials for durability in harsh weather conditions.

6. TROUBLESHOOTING

If you encounter issues with your AIPER Surfer S2, refer to the following common solutions:

- **Device Stuck:** The Surfer S2 is equipped with an anti-stuck design and obstruction alerts via the app. If the device becomes stuck, check for large debris or improper foam noodle placement. Adjust the foam noodle as described in the Setup section if it's interfering with movement.

- **Reduced Cleaning Performance:** Check the filter basket for excessive debris and clean it if necessary. Ensure the propellers are free from obstructions.
- **Charging Issues:** Verify that the DC adapter is properly connected and the charging port is dry. Ensure the solar panel is exposed to sufficient sunlight.
- **App Connectivity:** If the app is not connecting, ensure Bluetooth is enabled on your device and the Surfer S2 is powered on and within range. Try restarting both the app and the Surfer S2.

7. SPECIFICATIONS

Feature	Specification
Model Name	Surfer S2
Power Source	Solar Powered
Item Weight	12.6 Pounds
Product Dimensions	16.3 x 7.9 x 21.3 inches
Control Method	App
Battery Type	Lithium-Ion (1 included)
Lithium Battery Energy Content	56.16 Watt Hours
Material	PC+ASA

8. WARRANTY AND SUPPORT

The AIPER Surfer S2 comes with a **2-year warranty**. For product support, troubleshooting assistance, or warranty claims, please visit the official AIPER Store or contact AIPER customer service.

Official AIPER Store: [AIPER Store on Amazon](#)

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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

you@example.com

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