

Betta Betta-SE

Betta SE Solar Powered Automatic Robotic Pool Surface Skimmer Cleaner Instruction Manual

Your guide to effortless pool surface cleaning.

INTRODUCTION

The Betta SE is an advanced solar-powered robotic pool surface skimmer designed to automatically and continuously clean your pool's water surface. It efficiently removes debris such as leaves, dust, pollen, pet hair, and other floating particles, ensuring a pristine pool with minimal effort.



Figure 1: The Betta SE Robotic Pool Skimmer.

KEY FEATURES

- **100% Solar Powered:** Operates automatically and continuously using solar energy.
- **Aqua Dynamics Design:** Provides continuous cleaning for 30 hours or more on a single charge.
- **Swift Recharge Time:** Fully recharges in 5-6 hours under direct sunlight while cleaning.
- **Twin Salt Chlorine Tolerant (SCT) Motors:** Patented motors ensure reliable, energy-efficient operation in both fresh and saltwater pools.
- **Large Fine-Mesh Debris Basket:** 200 um basket with a top handle for easy emptying.
- **UV-Resistant Body & Ultrasonic Radar:** Protects the unit from sun damage and helps avoid obstacles.
- **Remote Control:** Allows for manual navigation and control.

SETUP

The Betta SE is designed for ease of use, requiring minimal setup. Ensure the unit is placed in the pool with sufficient water depth.

1. **Unboxing:** Carefully remove the Betta SE from its packaging.
2. **Initial Placement:** Place the Betta SE directly onto the surface of your pool water. The unit will begin to charge its internal battery using its solar panel when exposed to sunlight.
3. **Water Depth Requirement:** Ensure your pool has a minimum water depth of 5 inches for optimal operation. The

Betta SE is not suitable for infinity pools.

4. **Power On:** Locate the power switch on the unit and turn it to the 'ON' position. The skimmer will automatically begin its cleaning cycle.



Figure 2: The Betta SE is 100% solar powered and cordless.

OPERATING INSTRUCTIONS

The Betta SE operates autonomously, continuously cleaning the pool surface. Its intelligent design allows it to navigate and collect debris effectively.

- **Continuous Cleaning:** The skimmer will operate continuously, day and night, for up to 30 hours on a full charge. It recharges itself when exposed to direct sunlight.
- **Smart Navigation:** Equipped with ultrasonic radar sensors and four water-depth bumper rods, the Betta SE detects and avoids obstacles, ensuring comprehensive cleaning without getting stuck.
- **Remote Control:** Use the provided remote control for manual steering or to direct the skimmer to specific areas for targeted cleaning.

Smart Auto Clean

Automatically cleans various floating debris on the water's surface

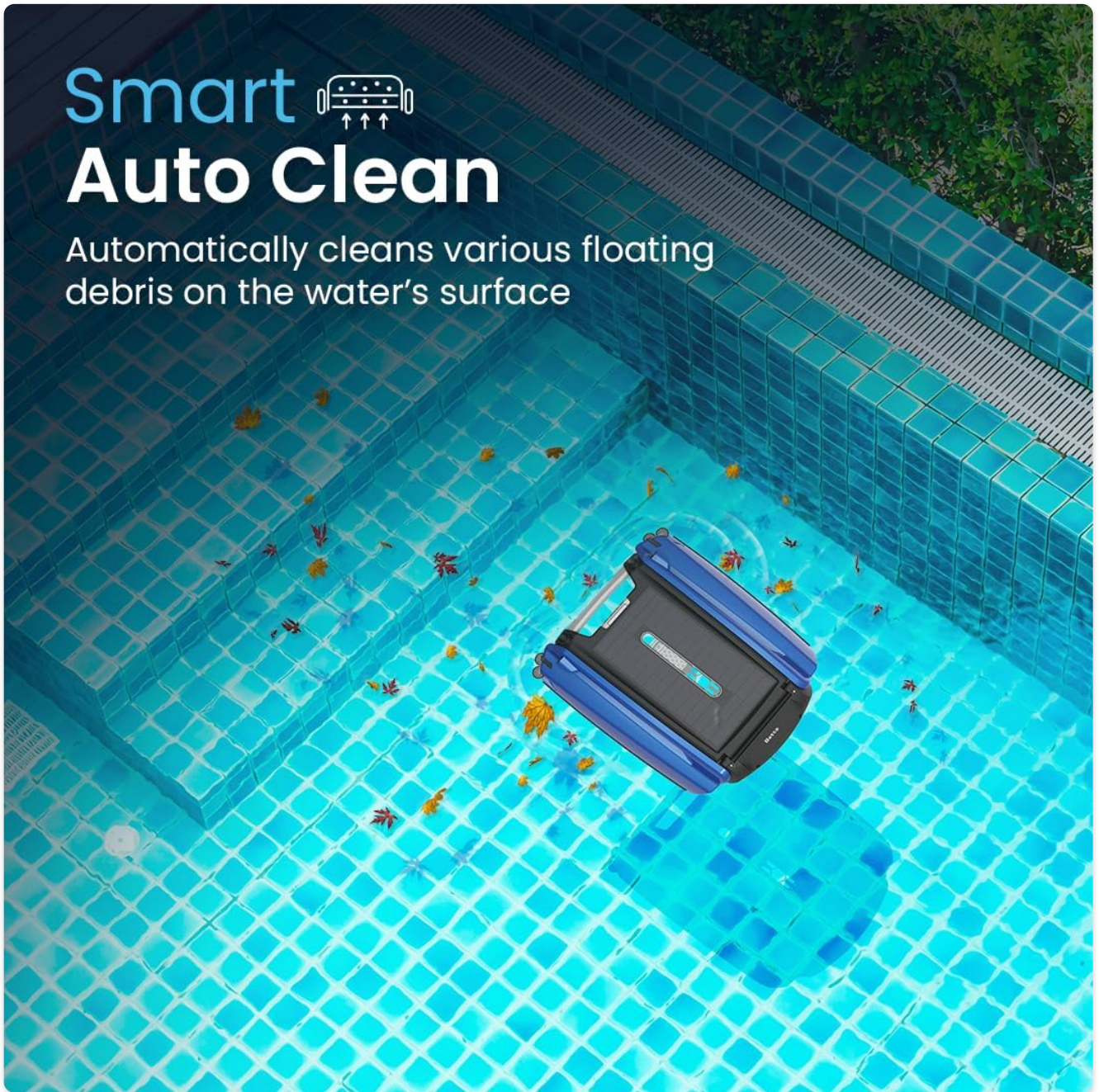


Figure 3: The Beta SE automatically cleans various floating debris.

Ultrasonic Radar Sensors and UV Resistant Body

Detect obstacles and guide Betta to efficiently clean your entire pool with the special UV resistant coating and material.



Figure 4: Ultrasonic radar sensors help the Betta SE detect and avoid obstacles.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Betta SE.

1. **Emptying the Debris Basket:** The large fine-mesh (200 um) debris basket should be emptied regularly, depending on the amount of debris in your pool. Simply dock the unit, open the cover, and lift out the basket using its top handle. Empty the collected debris and rinse the basket with water.
2. **Cleaning the Unit:** Periodically wipe down the exterior of the Betta SE with a soft, damp cloth to remove any residue. The UV-resistant coating helps protect the unit from sun damage.
3. **Propeller Inspection:** Occasionally check the twin Salt Chlorine Tolerant (SCT) motors and propellers for any tangled debris or obstructions. Clear any blockages to ensure smooth operation.

Large Easy-Clean Debris Basket

Simply dock it, open the cover and empty the debris basket



Figure 5: The large debris basket is easy to access and clean.

TROUBLESHOOTING

Here are solutions to common issues you might encounter with your Betta SE:

- **Short Run Time in Fall/Winter:** During fall and winter months, reduced run time is typically due to insufficient direct sunlight on the solar panel. To resolve this, remove the Betta SE from the pool and position the solar panel directly toward the sun. Keep the switch in the ON position to allow for optimal charging.
- **Getting Stuck at the Skimmer:** If the Betta SE frequently gets stuck near your pool's built-in skimmer, try reducing or turning off the pool skimmer suction.

Short Run Time Battery Degradation in Fall & Winter

During fall and winter months, short run time is typically due to insufficient direct sunlight on the solar panel.



Solution:

Remove Betta from the pool and position the solar panel direct toward the sun. Keep the switch in the ON position.

Figure 6: Solution for short run time in low sunlight conditions.

SPECIFICATIONS

Feature	Specification
Model Name	Betta-SE
Power Source	Solar Powered
Item Weight	14.43 pounds (6.56 Kilograms)
Product Dimensions	22"L x 19"W x 8"H
Control Method	Remote
Battery Type	Lithium Ion (1 included)
Charging Time	6 Hours (under direct sunlight)

Continuous Cleaning Time	30+ hours (on full charge)
Water Depth Requirement	Minimum 5 inches
Material	Plastic
Color	Blue

WARRANTY & SUPPORT

The Betta SE comes with a **1-year warranty** from the date of purchase. For warranty claims, technical support, or any inquiries regarding your product, please refer to the contact information provided in your product packaging or visit the official Betta website.

Always ensure to follow the instructions in this manual to maintain your warranty and ensure safe operation.