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Seauto S-sat-20

Seauto Cordless Robotic Pool Cleaner S-sat-20 User Manual

Model: S-sat-20 | Brand: Seauto

INTRODUCTION

The Seauto S-sat-20 is an intelligent cordless robotic pool cleaner designed for efficient and hassle-free pool maintenance. This manual provides essential information for setting up, operating, and maintaining your robotic pool cleaner to ensure optimal performance and longevity.



Figure 1: Seauto S-sat-20 Cordless Robotic Pool Cleaner.

KEY FEATURES

- **Intelligent Cordless Cleaning:** Features SonarNav Pro for mapping non-overlapping paths, optimizing cleaning time and efficiency.
- **Powerful Cleaning Performance:** Equipped with a 180W motor and 4800 GPH filtration rate, capable of tackling dirt, sand, and leaves. Durable PVC brushes ensure thorough cleaning.
- **Versatile & Long-Lasting:** Suitable for pool floors and walls, offering up to 150 minutes of runtime and covering up to 2000 sq. ft. on a single charge.
- **Smart Self-Parking & Alerts:** Automatically returns to the pool edge when battery is low for easy retrieval. LED indicators display real-time cleaning status.
- **Easy Maintenance with Great Filtration:** Large 2.5L fine filter basket (250-300 microns) captures small to large particles, reducing emptying frequency. Easy to remove and clean.

SETUP

1. Initial Charging

Before first use, fully charge the robotic pool cleaner. The charging port is located under a protective cover on the top of the unit. A full charge takes approximately 3 hours.



Figure 2: Charging port location.

2. Placing in the Pool

Once fully charged, ensure the charging port cover is securely closed. Gently lower the cleaner into the pool. It will sink to the bottom and is ready for operation.

OPERATING INSTRUCTIONS

1. Selecting Cleaning Modes

The Seauto S-sat-20 features a simple control panel on top of the unit. Press the power button to turn it on. Then, select your desired cleaning mode using the physical buttons:

- **Wall Only:** For cleaning pool walls.
- **Floor Only:** For cleaning the pool floor.
- **Wall & Floor:** For comprehensive cleaning of both surfaces.



Figure 3: The cleaner offers multiple cleaning modes for floors, walls, and slopes.

2. Automatic Operation

Once a mode is selected, the cleaner will begin its cycle. It utilizes smart navigation and path planning to cover the pool area efficiently. The 4-wheel drive system is designed to handle slopes effectively.



Figure 4: Intelligent navigation maximizes pool coverage.

MAINTENANCE

1. Cleaning the Filter Basket

The Seauto S-sat-20 features an easy-access top-loading debris basket. To clean:

1. Remove the cleaner from the pool using the grip handle.
2. Open the top cover to access the filter basket.
3. Remove the 2.5L fine filter basket.
4. Empty collected debris and rinse the basket thoroughly with a hose.
5. Reinsert the clean filter basket and close the top cover securely.

Advanced Filtration System

Capture the Debris, Deliver Clean Water



Figure 5: The advanced filtration system captures debris.

2. General Product Care

- **Rinse After Use:** Always rinse the cleaner with fresh water after each use to remove chlorine and debris.
- **Keep Battery Charged:** Ensure the battery is charged regularly, especially during periods of non-use, to maintain battery health.
- **Store In Dry Place:** Store the cleaner in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

- **Cleaner gets stuck on main drains:** While the cleaner is designed to navigate around obstacles, it may occasionally get temporarily stuck on raised main drains. It typically dislodges itself after a few minutes.
- **Cleaner does not climb steep ledges or stairs:** The 4-wheel drive system is optimized for slopes and gradual inclines. It is not designed to climb very steep ledges, steps, or baja shelves with minimal water depth.

Manual cleaning may be required for these areas.

- **No smart features or weekly timer:** This model is a simple plug-and-play cleaner and does not include app connectivity, smart features, or a programmable weekly timer. Operation is initiated directly from the unit's control panel.

SPECIFICATIONS

Feature	Specification
Brand	Seauto
Model Name	pool vacuum
Item Model Number	S-sat-20
UPC	607602331909
Product Dimensions	20.5"L x 18.5"W x 13.4"H
Item Weight	4 Pounds
Power Source	ac_dc
Special Feature	Cordless
Engine Type	Electric
Control Method	Touch
Battery Type	Lithium Ion (15 cells included)
Battery Capacity	7800 mAh (implied from runtime)
Lithium Battery Energy Content	144.3 Watt Hours
Charging Time	2.5 Hours
Runtime	Up to 150 minutes (3 hours)
Max Cleaning Area	2000 Sq.ft (2100 Sq.ft mentioned in video)
Filtration Rate	4800 GPH
Filter Basket Capacity	2.5 Liters
Filter Micron Rating	250-300 Microns
Material	Plastic
Color	Sky Blue
Country of Origin	China

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official Seauto website or the documentation included with your product. Contact information for technical assistance and service requests can typically be found there.