# Beatbot

# AquaSense

## The Smarter Choice in Cordless Pool Cleaning



**Intelligent Path Optimization**

**2x2 Independent Roller Brushes**

**Brushless Main-Pump Motor (Up to 5500 GPH Suction)**

**Cleans Floors, Walls and Waterline**

**Extreme Safety and Reliability with 15+ Certifications**

**APP and OTA Software Upgrades**

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# AquaSense Specs

| | |
|---|---|
| **Robot Type** | Cordless |
| **Cleaning Coverage Areas** | Floor, walls, waterline |
| **In-Box Content** | Robotic pool cleaner, Plug charger, hook, quick start guide, user manual |
| **Pool Type** | Above ground & in-ground pools |
| **Pool Shape** | All shapes, such as rectangular, round, kidney, and freeform |
| **Recommended Pool Size (Pool Bottom Area)** | 210 square meters |
| **Pool Materials** | All materials including concrete, ceramic tiles, vinyl, and fiberglass |
| **Hardware Components** | Quad-core Cortex-A7 industrial-grade CPU&MCU, DDR RAM, flash storage, and 15 smart sensors (including dual gyroscopes and dual ultrasonic AI sensors) |
| **Operating System** | Beatbot OS |
| **Connectivity** | Wifi connection |
| **Intelligent Navigation** | SonicSense™ Ultrasonic AI Pool Mapping and Obstacle Avoidance CleverNav™ Smart Navigation System for optimized path planning |
| **Cleaning Patterns** | Pool floor: S-shaped pattern Pool walls and waterline: N-shaped pattern |
| **Cleaning Modes** | 3 Modes: Quick mode: floor (1 time) Standard mode: floor, walls and waterline (1 time) Custom mode (OTA) |
| **Automatic Water Release** | SmartDrain™ advanced submarine-inspired automatic water release |
| **Water Clarification** | No |
| **Motors** | 3 Motors |
| **Brushes** | DuoSpeedFlex™ Dual-Group Roller Brush System with differential speed (Front and rear: 2 x 2 sets) |
| **Number of Suction Ports** | 1 port (Bottom) |
| **Suction (GPH)** | 5500 GPH |
| **Filters Material** | Polyester |
| **Filters Access** | Top access |
| **Filters Number** | 1 |
| **Filters Density** | 150 μm |
| **Filter Baskets Capacity** | 2 L |
| **Battery Capacity & Type** | 6,700 mAh Lithium Ion |
| **Easy to Charge (Charging Method)** | Dock Charging Station |
| **Control Buttons** | 1 power switch key + 2 mode keys |
| **Overall Robot Weight** | 9.3 kg |
| **Robot Dimensions** | 451 (L) mm x 403 (W) mm x 233 (H) mm |
| **Waterproof Protection** | IP68 (robot), IPX4 (charging dock) |
| **Water depth range** | 0.5 m to 3 m |
| **Warranty Period** | 2 years |
| **OTA performance updates** | Yes |