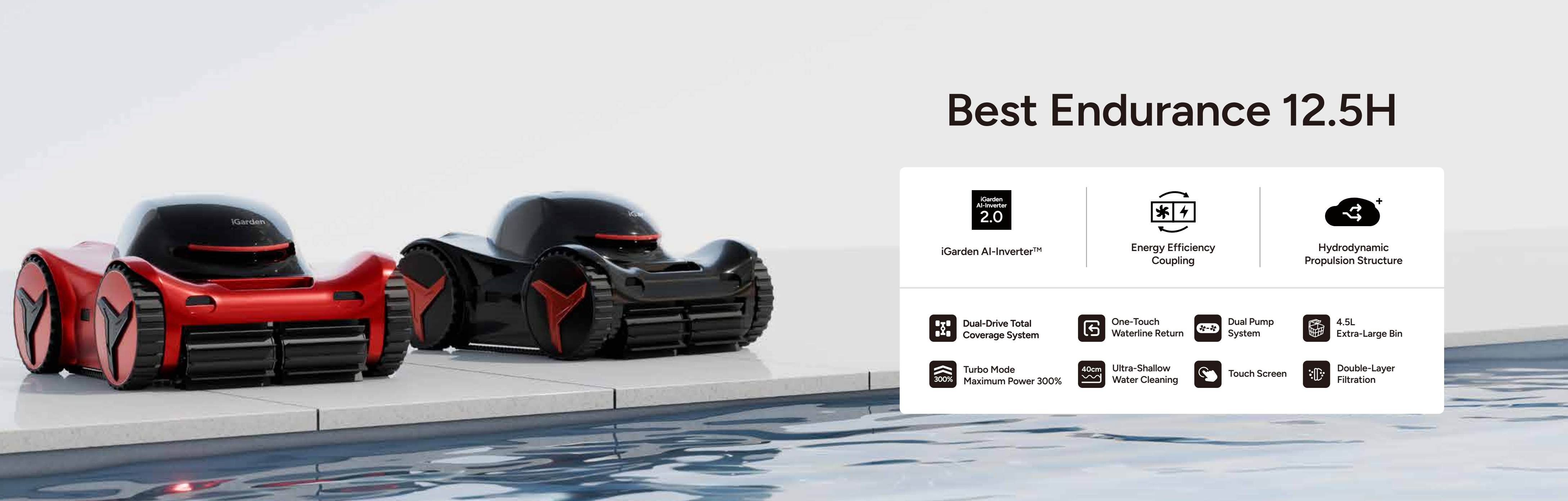


iGarden Pool Cleaner M1 Series

Always On. Always Joy.

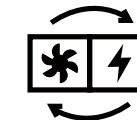




Best Endurance 12.5H

iGarden
AI-Inverter
2.0

iGarden AI-Inverter™



Energy Efficiency
Coupling



Hydrodynamic
Propulsion Structure



Dual-Drive Total
Coverage System



One-Touch
Waterline Return



Dual Pump
System



4.5L
Extra-Large Bin



Turbo Mode
Maximum Power 300%



40cm
Ultra-Shallow
Water Cleaning



Touch Screen



Double-Layer
Filtration

Hands-Free Cleaning Mind-Free Living

iGarden Pool Cleaner M1 Series is designed to make deep pool cleaning easier and more enjoyable.



12.5H

Best Endurance



12.5H Endurance — Powered by 3 Key Innovations

- iGarden AI-Inverter™ 2.0 Intelligent Core
- Hydrodynamic Propulsion Structure
- Design & Efficiency, In Sync

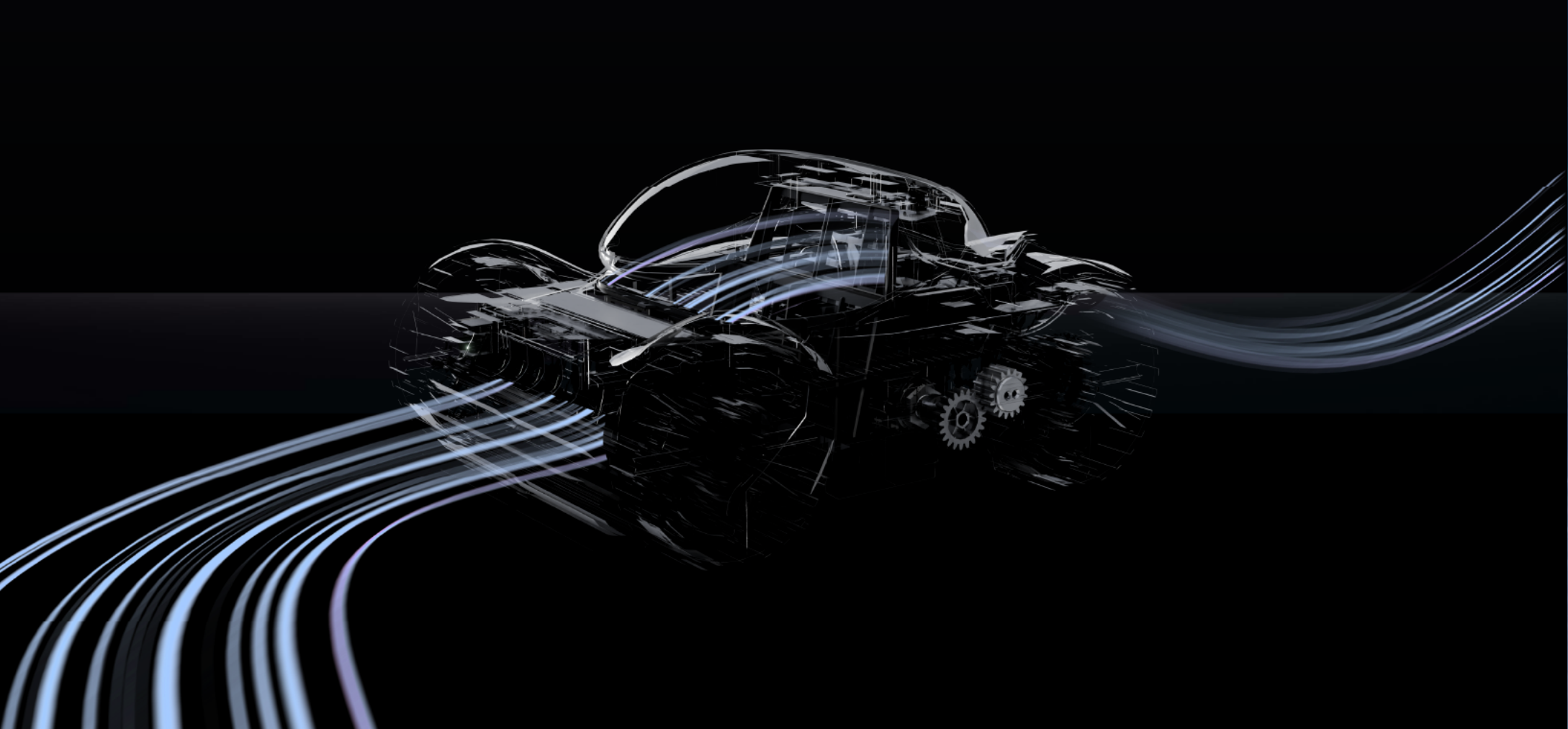


iGarden AI-Inverter 2.0 Intelligent Core

How it extends runtime to 10 hours

A proprietary iGarden AI-Inverter™ algorithm drives a set of brushless DC motors with millisecond precision.

Each motor — from propulsion to circulation — intelligently modulates its speed within a 20-100% dynamic range, adapting to every pool condition to balance thrust and endurance with effortless precision.



Design & Efficiency, In Sync

Optimized synergy for lasting power

An enhanced structural design creates deep synergy between the motor and the flow path, sustaining high cleaning performance and energy efficiency.



Hydrodynamic Propulsion Structure

Smarter flow, longer endurance

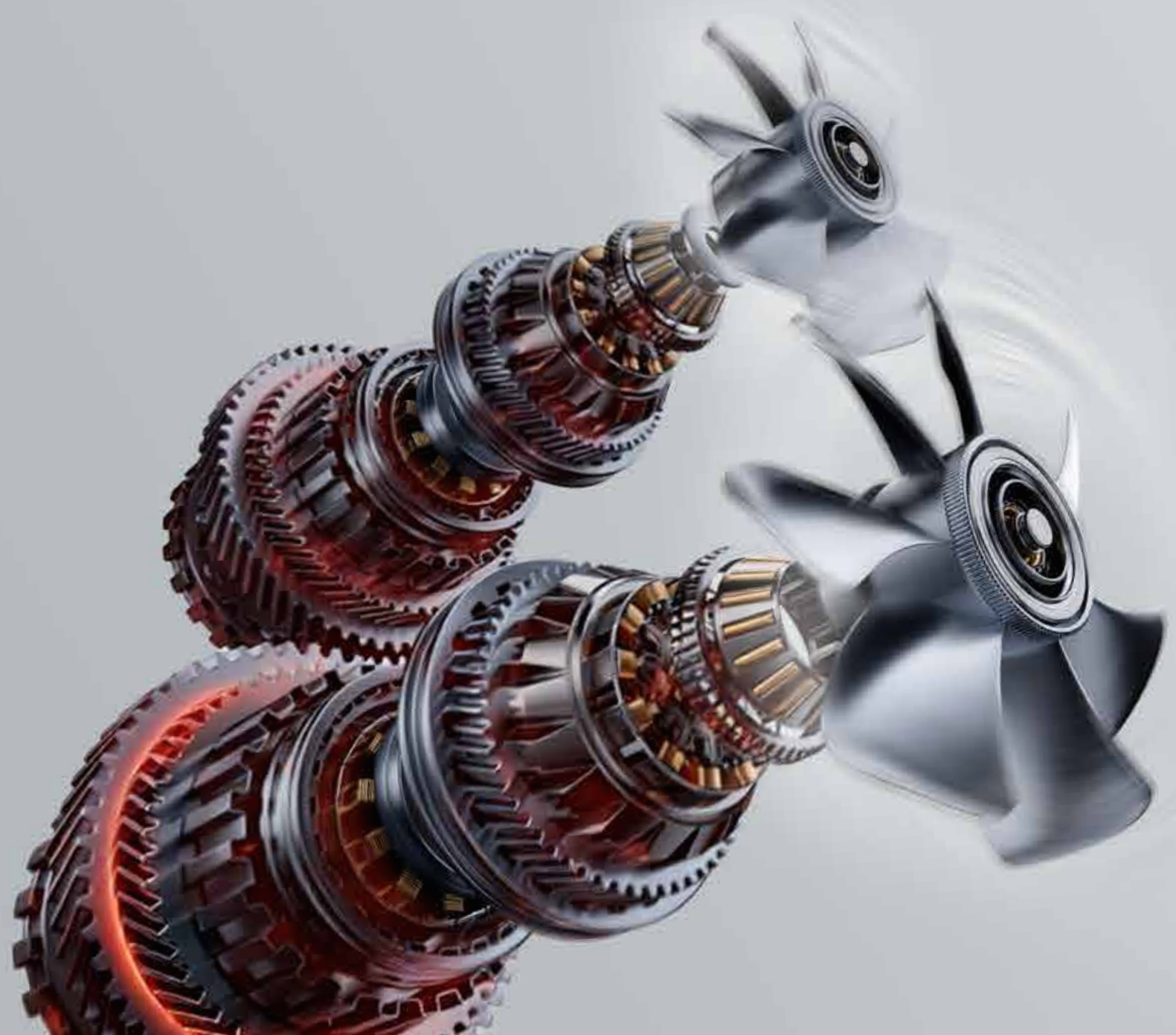
Flow channels shaped by hydrodynamic principles reduce turbulence and vortex losses, while tail-jet propulsion converts residual energy into thrust for greater coverage and longer runtime.



One - Touch Waterline Return

Touch & Back

Sonar-activated signal for instant response.
Robot ends cleaning, returns to the nearest wall, climbs
and waits at the waterline.
No hooks, no hassle—just reach down and lift with ease.



Dual-Pump System 300%

Turbo On Maximum Suction

One touch unleashes triple suction, driving power into the extreme zone — built for the toughest debris.

Dual Pump Multiplied Force

The dual pump system generates massive wave of sustained suction, being the game changer for pool deep cleaning.



Dual-Drive System

All Surfaces, All Covered.



Four high-torque wheels and hidden treads give the cleaner go-anywhere traction, built to conquer complex surfaces for whole-pool coverage.



40cm Ultra-Shallow Water Cleaning

Effortlessly cleans children's wading pools, tanning ledges, and other low-water areas.



Double-Layer Filtration

Dual-mesh system with clog-resistant, professional-grade filters.



4.5L Extra-Large Bin

Simply lift, empty, and rinse for reuse.

Model	M1-50		M1-80		M1-100		M1 Pro-125	
Picture								
Mode: Floor Mode								
Battery Life	5h		8h		10h		12.5h	
Charging Time	Approx. 5h		Approx. 6.5h		Approx. 5h		Approx. 7h	
Charging Mode	2A				3A			
Battery Capacity	7500 mAh (192Wh)		10400 mAh (262Wh)		10400 mAh (262Wh)		14500 mAh (365.4Wh)	
Maximum Pool Length	9m (29.5ft)		12m (40ft)		15m (50ft)		15m (50ft)	
Optimal Pool Temperature	4~35°C/39.2~95°F							
Cleaning Mode	Floor Only; Wall & Waterline Only; Wall & Waterline first, then floor; Full coverage							
Turbo Mode	YES							
Multiple Cycle Option	1h/1.5h/2h/Max							
AI Timer	24h/48h/72h							
APP	YES							
Filter Capacity	4.5L							
Filtration Accuracy	Double Layer							
Pump Flow Rate	12-19m³/h(3170-5019GPH)		16-23m³/h(4227-6076GPH)				20-27m³/h(5283-7133GPH)	
Running Power	20-100W							
Moving Speed	12m/min							
Number of Motors	4							
Charger Input	100-240VAC~50/60Hz							
Waterline Return	/						YES	
Running Voltage / Current	25.5V/1A							
Robot NW/GW	10.5kg/15.3kg						11.5kg/16.3kg	
Product Dimensions (L×W×H)	482*392*249 mm							
Package Dimensions (L×W×H)	580*448*330 mm							

NOTE: Tested in a pristine 3m*8m rectangular pool under controlled lab conditions. Actual battery life may vary with pool size, shape, and water quality.



The World's First

Dual-AI Camera Pool Cleaner

True 3D Vision

Expands perception into depth and distance, turning flat vision into real spatial awareness.

Smarter Navigation. Intelligent Zoning.

Sees the pool in full dimension, adapting routes to every contour for intelligent, zone-based cleaning.

Pro Max Coming Soon