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FAIRLAND GROUP LIMITED

# iGarden Pool Cleaner M1 Series

Always On. Always Joy.

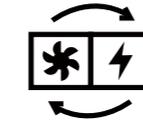




# Best Endurance 12.5H



iGarden AI-Inverter™



Energy Efficiency  
Coupling



Hydrodynamic  
Propulsion Structure



Dual-Drive Total  
Coverage System



One-Touch  
Waterline Return



Dual Pump  
System



Wireless Charging  
Module



Turbo Mode  
Maximum Power 300%



Ultra-Shallow  
Water Cleaning



Touch Screen



Double-Layer  
Filter Box

# Hands-Free Cleaning Mind-Free Living

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

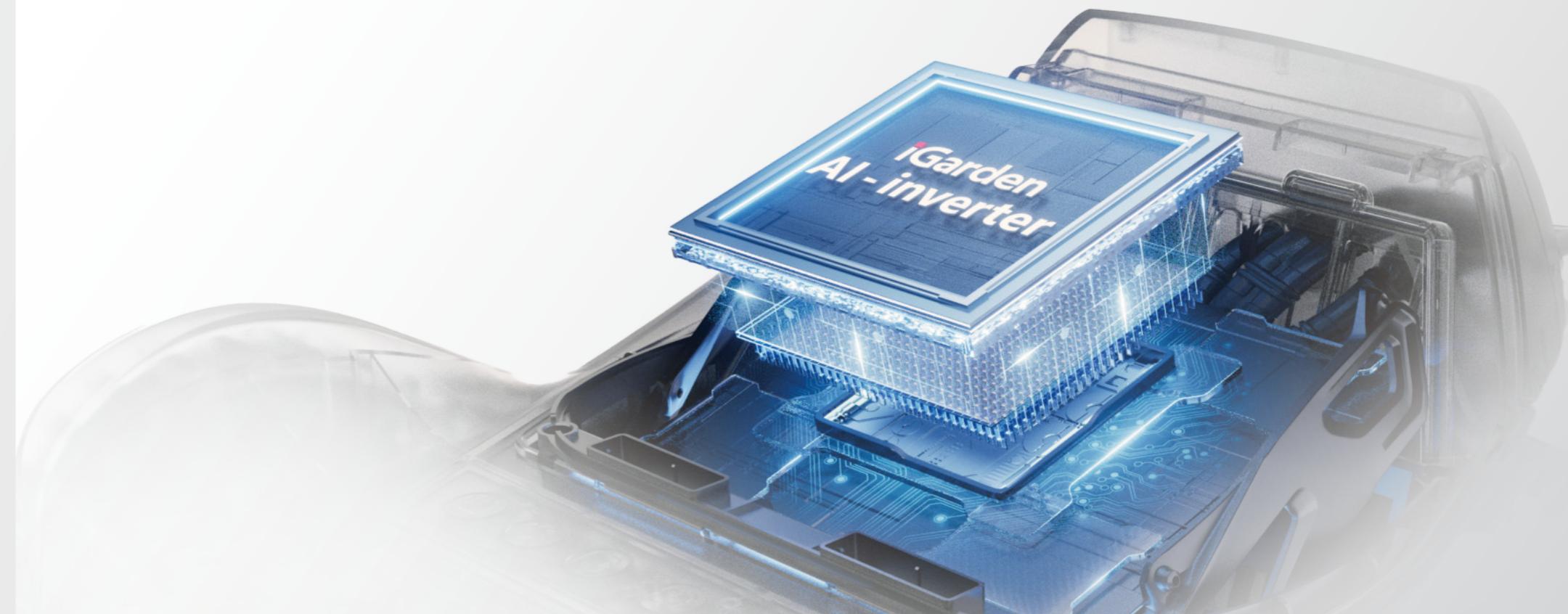


# 12.5H Best Endurance



## 12.5H Endurance — Powered by 3 Key Innovations

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

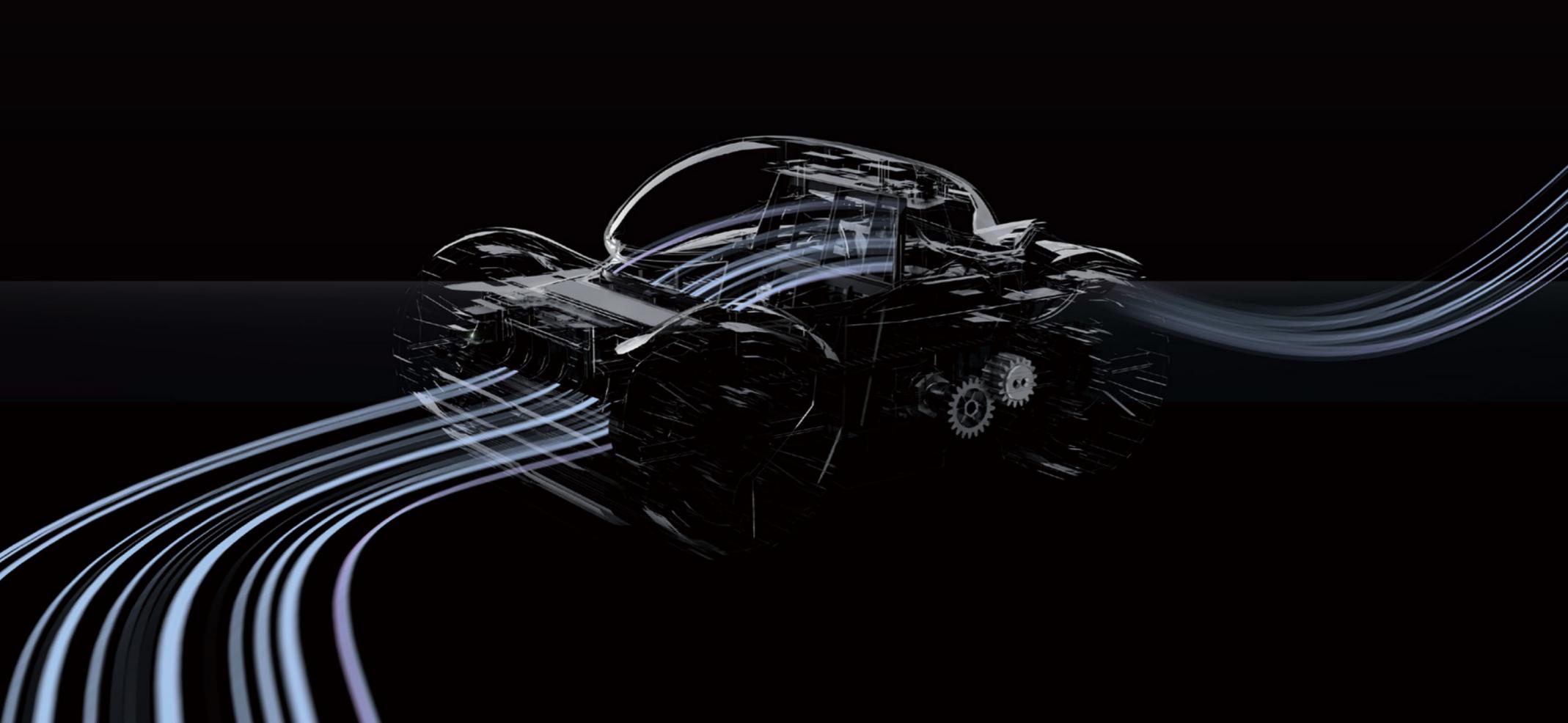


## iGarden AI-Inverter 2.0 Intelligent Core

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

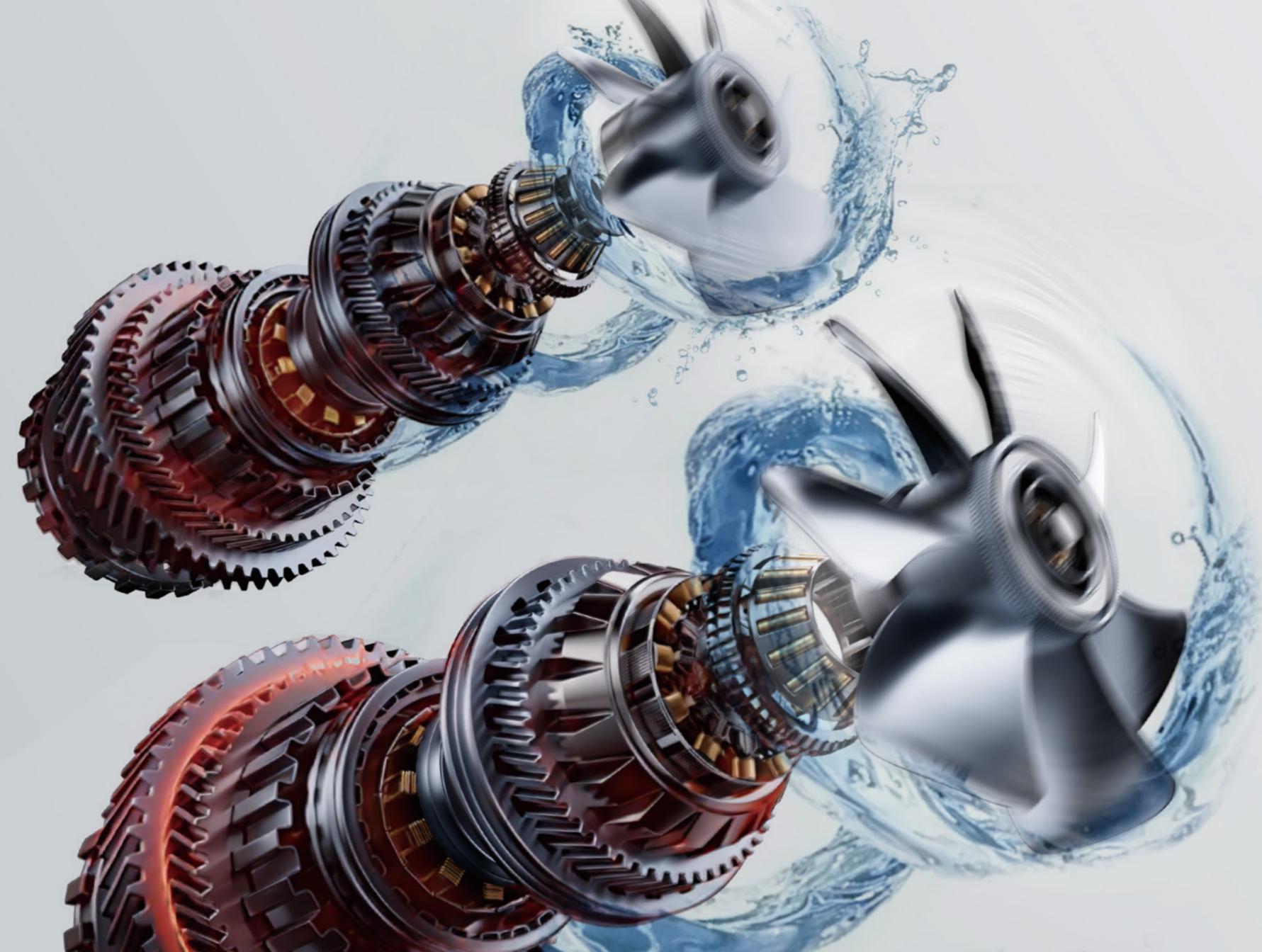
Flow channels shaped by hydrodynamic principles reduce turbulence and vortex losses, while tail-jet propulsion converts residual energy into thrust for greater coverage and longer runtime.



# 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.



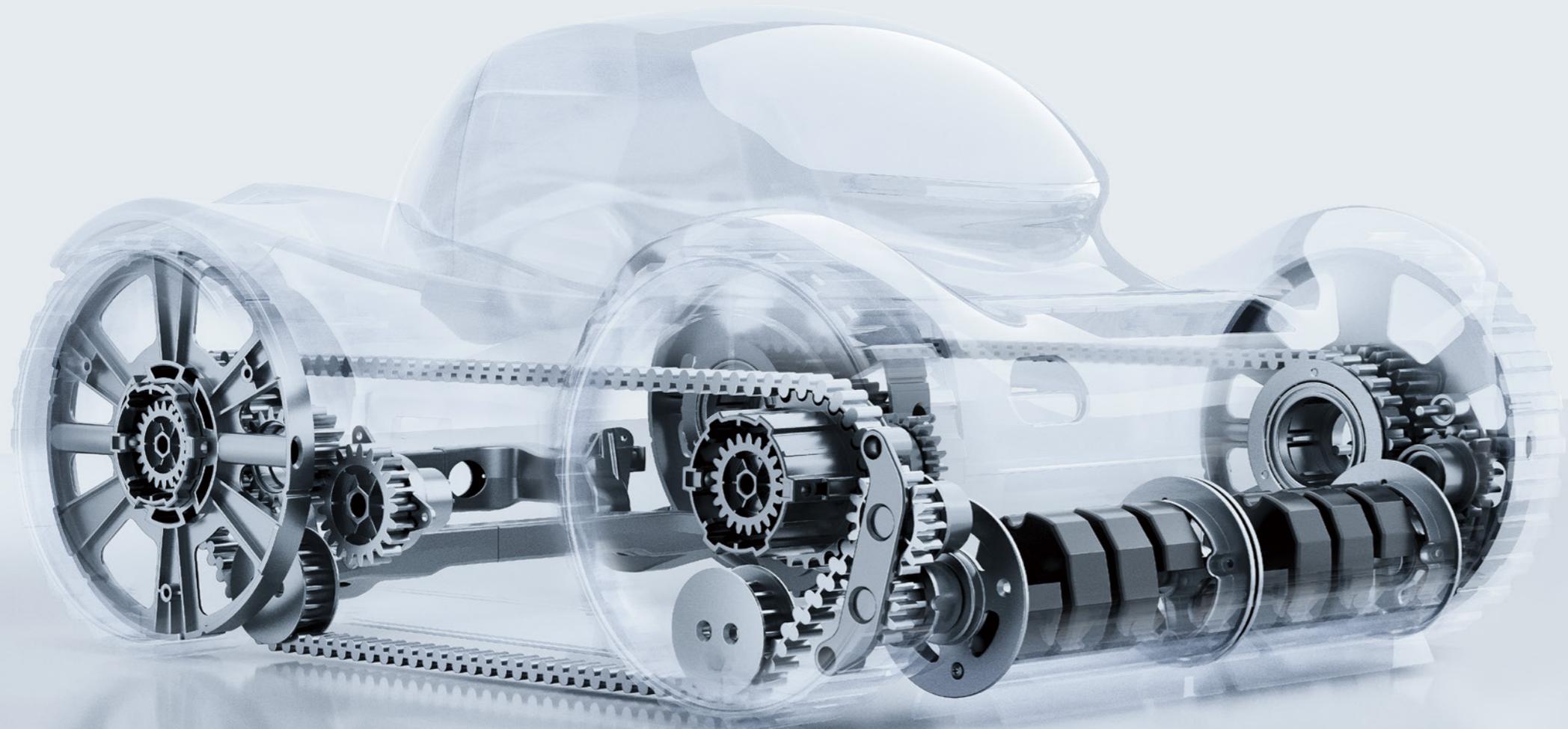
# Dual-Pump System 300%

## 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.

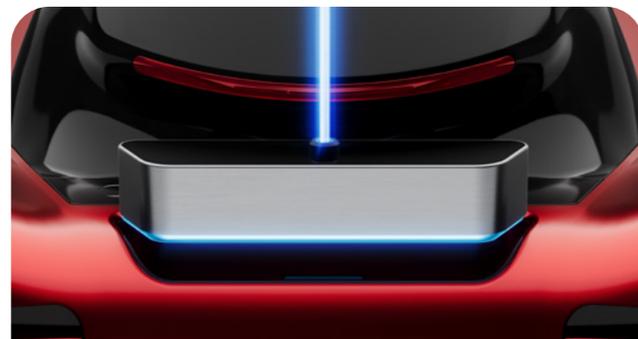


# Dual-Drive System

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.



### Wireless Charging Module (Optional)

Features attached charging and plug-free, self-aligning, water-resistant connectors. Designed for safety, convenience, and full autonomy. No Plugging, Safe Charging.



### 4.5L Extra-Large Bin

Simply lift, empty, and rinse for reuse.



### 40cm Ultra-Shallow Water Cleaning

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



### Double-Layer Filter Box

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

Model	M1-50	M1-80	M1-100	M1 Pro-125
Mode: Floor Mode				
Battery Life	5h	8h	10h	12.5h
Charging Time	Approx. 5h	Approx. 6.5h	Approx. 5h	Approx. 7h
Charging Mode	2A (Optional 2A wireless charging)		3A (Optional 2A wireless charging)	
Battery Capacity	7500 mAh (192Wh)	10400 mAh (262Wh)	10400 mAh (262Wh)	14500 mAh (365.4Wh)
Maximum Pool Length	29.5ft(9m)	40ft(12m)	50ft(15m)	50ft(15m)
Optimal Pool Temperature	4~35°C/39.2~95°F			
Cleaning Mode	Floor Only; Floor/Wall/Waterline			
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