

iGarden Pool Cleaner M1 Series

Always On. Always Joy.

iGarden
Artful Living Technology

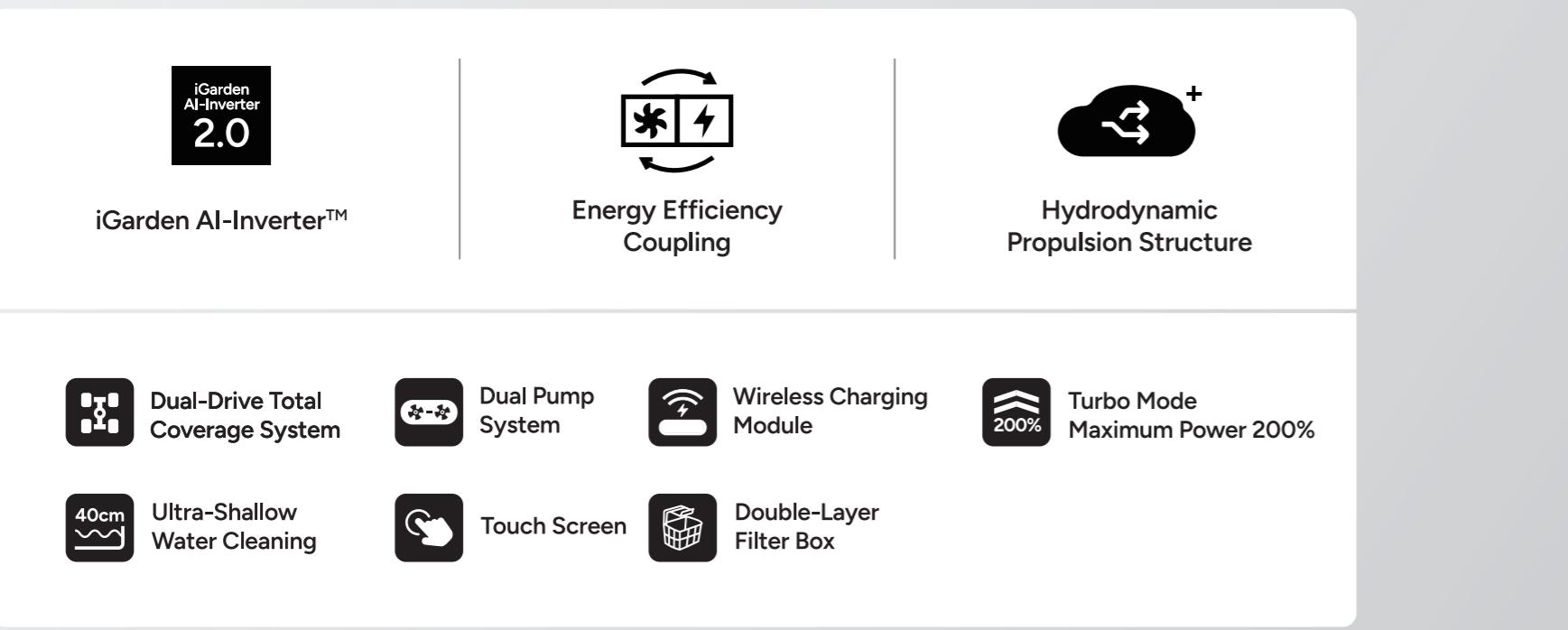
www.fairlandgroup.com
+86 400 020 6060
Mail: sales@fairlandgroup.com
Fax: 0086-20-87327767
Address: Floor 19, China Energy Storage Building, No. 3099, Keyuannan Road,
Nanshan District, Shenzhen City, Guangdong Province, China



FAIRLAND GROUP LIMITED



Best Endurance 10H



**Hands-Free Cleaning
Mind-Free Living**

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

10H Endurance — Powered by 3 Key Innovations

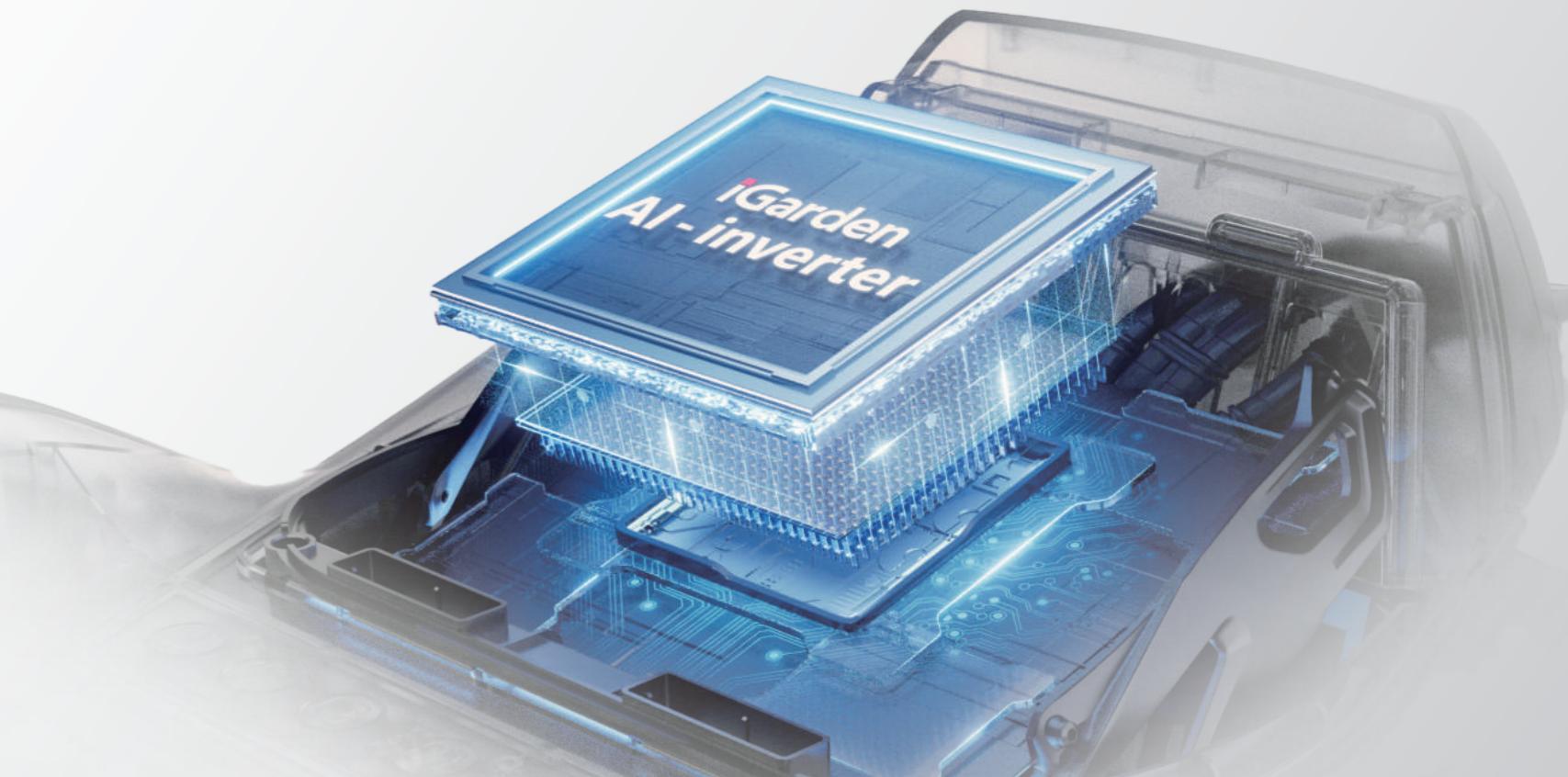
- iGarden AI-Inverter™ 2.0 Intelligent Core
- Hydrodynamic Propulsion Structure
- Design & Efficiency, In Sync

10H



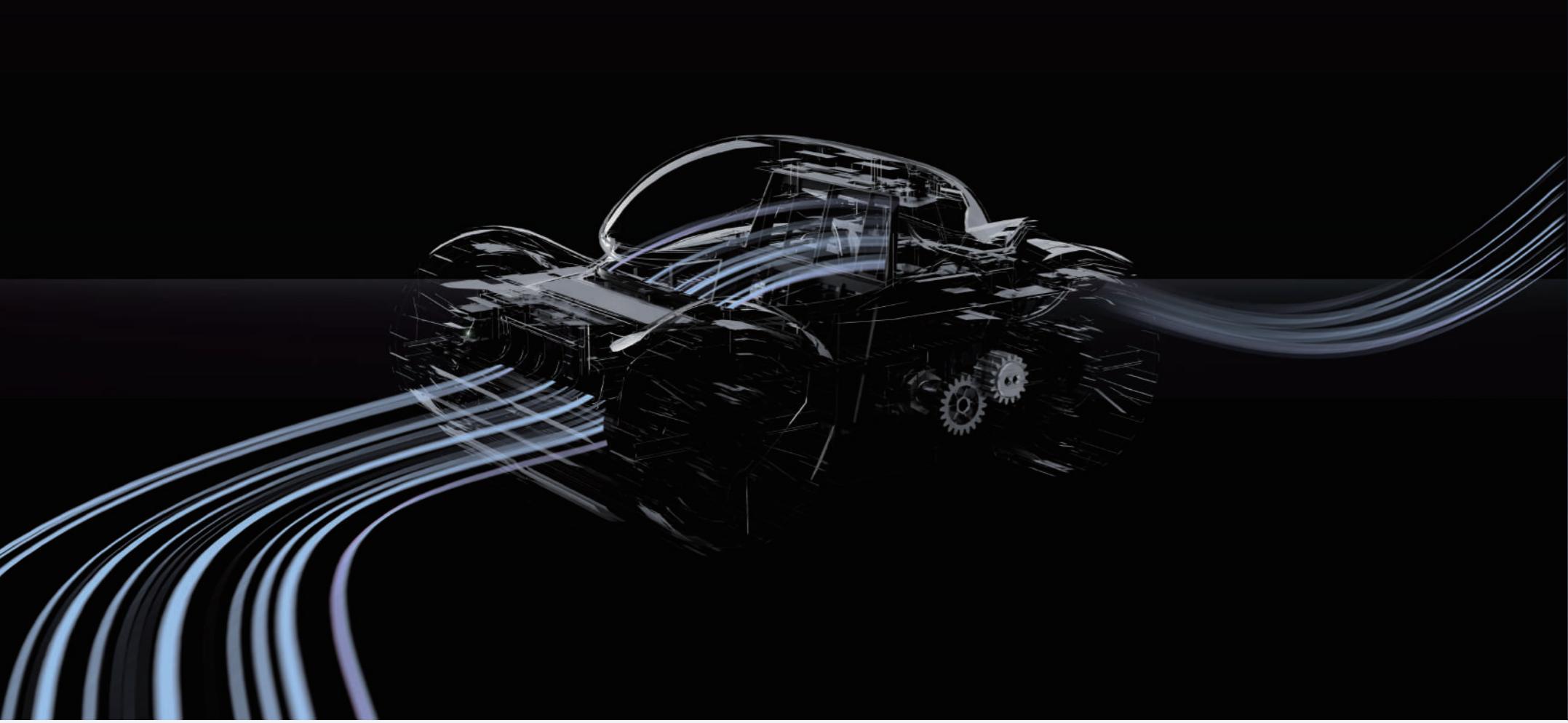
iGarden AI-Inverter 2.0 Intelligent Core

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 circulator — 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

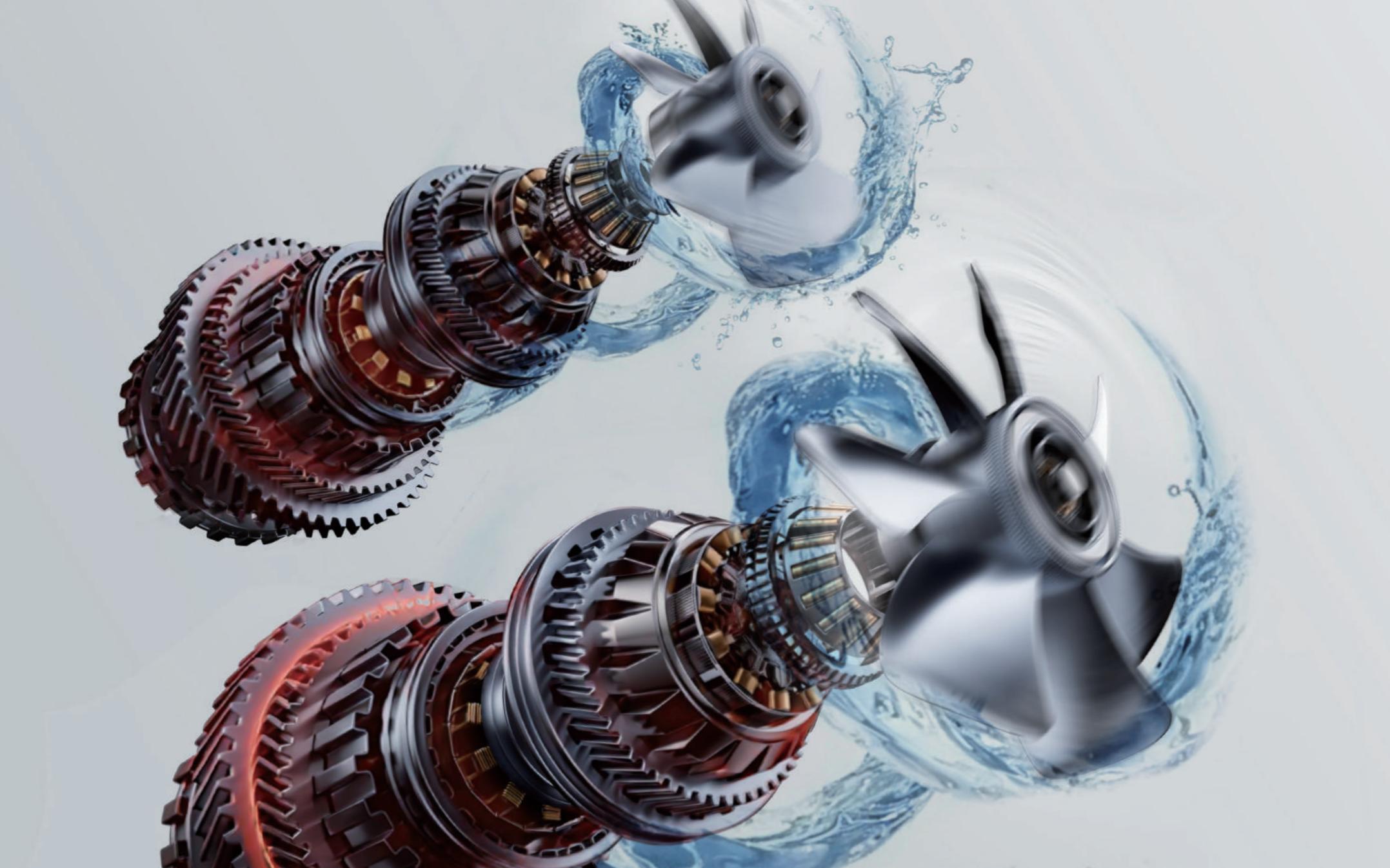
An enhanced structural design creates deep synergy between the motor and the flow path, sustaining high cleaning performance and energy efficiency.



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 to thrust for greater coverage and longer runtime.



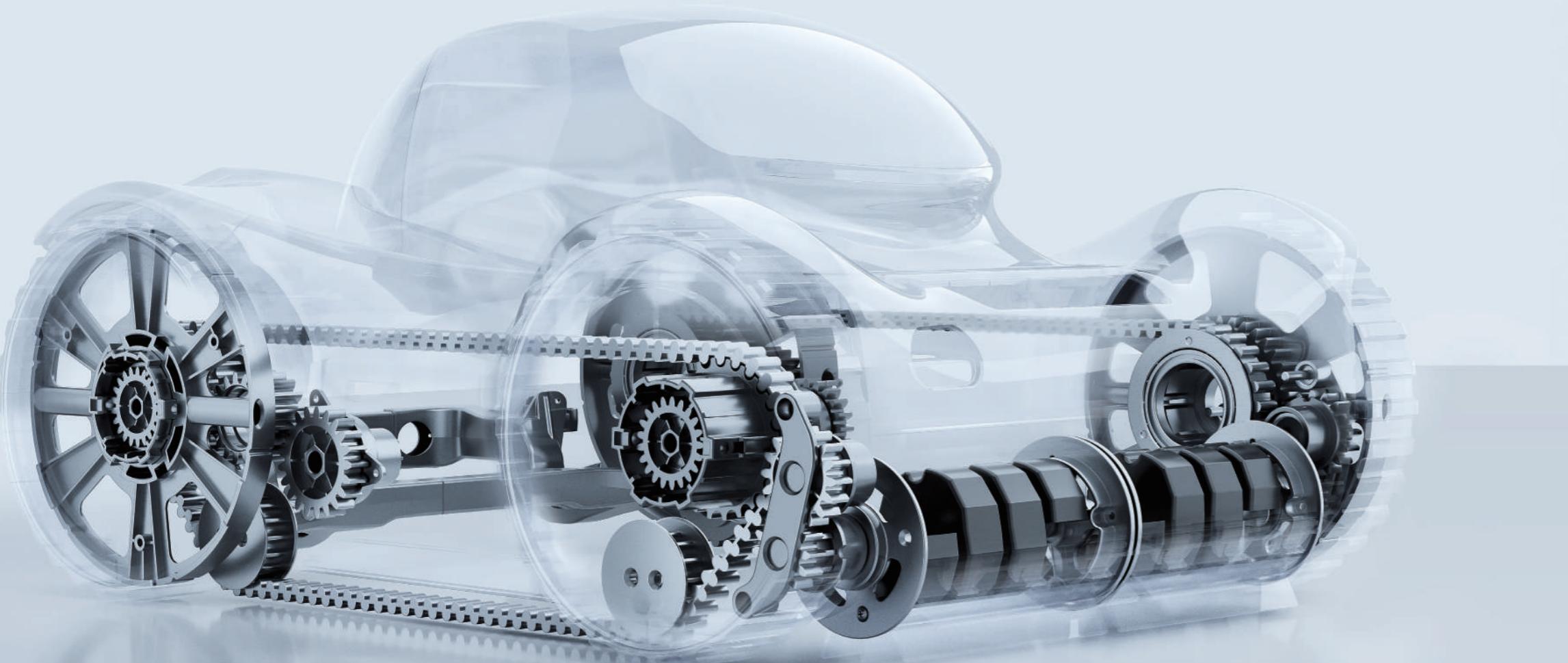
Dual-Pump System 200%

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 debris cleaning.



Dual-Drive System

All Surfaces, All Covered.

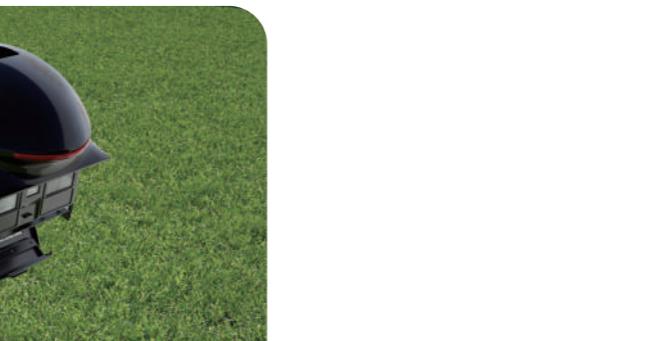


Four high-torque wheels and hidden treads give the cleaner go-anywhere traction, built to conquer complex surfaces for whole-pool coverage.



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.



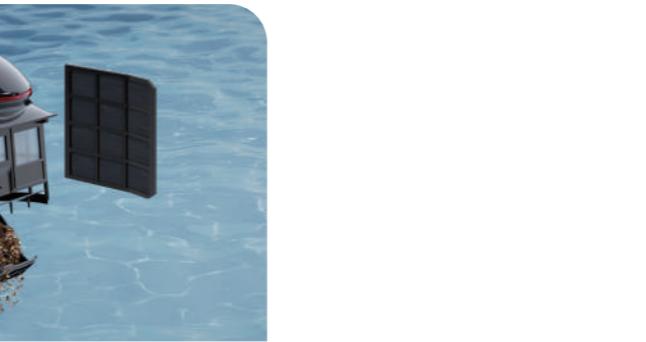
4.5L Extra-Large Bin

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	M11-100
Picture			
Mode: Floor Mode			
Battery Life	5h	8h	10 h
Charging Time	Approx. 5h	Approx. 6.5h	Approx. 5h
Charging Mode	2A (Optional 2A wireless charging)	2A (Optional 2A wireless charging)	3A (Optional 2A wireless charging)
Battery Capacity	7500 mAh (192Wh)	10400 mAh (262Wh)	10400 mAh (262Wh)
Maximum Pool Length	9m (29.5ft)	12m (40ft)	15m (50ft)
Optimal Pool Temperature	4~35°C/39.2~95°F		
Cleaning Mode	Floor Only; Wall 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	12-19m ³ /h(3170-5019GPH)	16-23m ³ /h(42275-6763H)	
Running Power	20-100W		
Moving Speed	12m/min		
Number of Motors	4		
Charger Input	100-240VAC~50/60Hz		
Running Voltage / Current	25.5V/1A		
Robot NW/GW	10.5kg/15.3kg		
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.

iGarden Pool Cleaner M1 Series

Always On. Always Joy.