

BIONIC AI · DUAL-VISION · ROBOTIC POOL CLEANER

M1 & M1 Pro Series

Cordless automatic pool cleaners. All-terrain performance.

Intelligent 360° navigation with 3D S trajectory and iGarden AI-Inverter 2.0 technology. Hydrodynamic design inspired by hypercars, up to 12.5 hours of runtime and effortless autonomous cleaning.



10^h

M1 SERIES RUNTIME

12.5^h

M1 PRO RUNTIME

300%

TURBO MODE

4.5^L

XL DUAL-LAYER FILTER

RECOGNITION

• CES 2026 Innovation Award

• A' Design Award

• Muse Design Award

• Product of the Year 2026 · M1 Pro

M1 SERIES · CORDLESS

10h
runtime



M1 Series

Takes on any challenge. All-terrain performance and extended runtime.

Models: **M1-50** (517559) · **M1-80** (517560) · **M1-100** (517561)

- Intelligent **360° navigation** · **3D S trajectory**
- **iGarden AI-Inverter 2.0** technology
- **200% Turbo Mode** · dual suction system
- **Dual traction system** · 4 high-torque wheels
- **4.5 L XL dual-layer filter** · Wi-Fi App

M1 PRO SERIES · CORDLESS

12.5h
runtime



● Product of the Year 2026

M1 Pro Series

Precision engineering that delivers perfect results.









Model: **M1 Pro-125** (517562)

- All M1 technology + **greater runtime**
- **Smart Sonar retrieval**, no hooks
- **300% Turbo Mode** · boosted suction
- **3 A fast charging** and **wireless** option
- Automatic return to the waterline

Technical Specifications

ELECTRIC ROBOTIC POOL CLEANERS


Model	M1-50 517559	M1-80 517560	M1-100 517561	M1 Pro-125 517562
RUNTIME & POWER				
Runtime (floor mode)	5h	8h	10h	12.5h
Charging time (approx.)	~5h	~6.5h	~5h	~7h
Wireless charging	–	–	–	9h
Battery capacity	7500 mAh	10400 mAh	10400 mAh	14500 mAh
Operating voltage / current	25.2 V / 1 A			
Charger input	100–240 VAC ~ 50/60 Hz			
Fast charging mode	–	–	–	3 A
CLEANING & COVERAGE				
Max. pool length	9 m	12 m	15 m	15 m
Suction rate	12–19 m ³ /h	16–23 m ³ /h	16–23 m ³ /h	20–27 m ³ /h
Turbo Mode	200%	200%	200%	300%
Cleaning modes	Full 360° · Floor · Floor + Walls · Walls + Waterline			
Cleaning cycle	1h / 1.5h / 2h / Max			
Smart retrieval (Sonar)	–	–	–	✓
Movement speed	12 m/min			
Number of motors	4			
Operating power	20–100 W			
FILTRATION				
Filter capacity	4.5 L			
Filter	Dual layer · 150 µm mesh + 30 ppi foam			
CONTROL & CONNECTIVITY				
Controller	Digital touch control panel			
App · Wi-Fi / Bluetooth	✓	✓	✓	✓
AI Timer	24h / 48h / 72h			
DIMENSIONS & OPERATION				
Ideal pool temperature	4 – 35 °C			
Weight (product / packaging)	10.5 / 15.3 kg	10.5 / 15.3 kg	10.5 / 15.3 kg	11.5 / 16.3 kg
Product dimensions (W×L×H)	482 × 392 × 249 mm			
Packaging dimensions (W×L×H)	580 × 448 × 330 mm			

 <p>iGarden AI-Inverter^{2.0} Smart processor driving brushless DC motors with millisecond precision, modulating speed from 20 to 100% according to each pool condition.</p>	 <p>3D S Navigation Infrared sensors + IMU enable AI route learning, mapping floor, walls, slopes and ledges up to 40 cm for full 360° coverage.</p>
 <p>Hydrodynamic structure Shaped flow channels reduce turbulence and vortex losses; tail-jet propulsion converts residual energy into greater range and runtime.</p>	 <p>Dual suction system Two pump systems that multiply suction power for deep cleaning and superior adhesion on any surface.</p>
 <p>Dual traction system Four high-torque wheels and concealed treads provide all-terrain traction, overcoming complex surfaces and covering the entire pool.</p>	 <p>XL dual-layer filter Extra-large 4.5 L basket with 150 µm mesh and 30 ppi foam, clog-resistant design — clean more, empty less.</p>
 <p>AI Timer & auto-park Repeats cleaning every 24h, 48h or 72h and returns to the wall on its own when finished or when the battery runs low.</p>	 <p>Nano-ceramic coating Resistant to salt water and UV, corrosion-free. Smart control via touch screen and app over Wi-Fi.</p>

M1 PRO EXCLUSIVE · PRODUCT OF THE YEAR

Smart retrieval, no hooks

The robot finishes cleaning, returns to the nearest wall and rises to the waterline. Sonar-activated signal for instant response — just reach out and lift it. 300% Turbo Mode and 3 A fast charging.



- M1 SERIES · INCLUDES**
- M1 Series robotic cleaner (cordless)
 - Power adapter
 - Retrieval hook (compatible with universal handling pole)

- M1 PRO SERIES · INCLUDES**
- M1 Pro robotic cleaner (cordless)
 - Power adapter · retrieval hook
 - Sonar retrieval sensor
 - Option: wireless charging via transport cart