

AQUARK[®]
iOutdoor Living

BABY-GRADE WATER QUALITY

INVERTURBO **TECH**



BEYOND LIMIT

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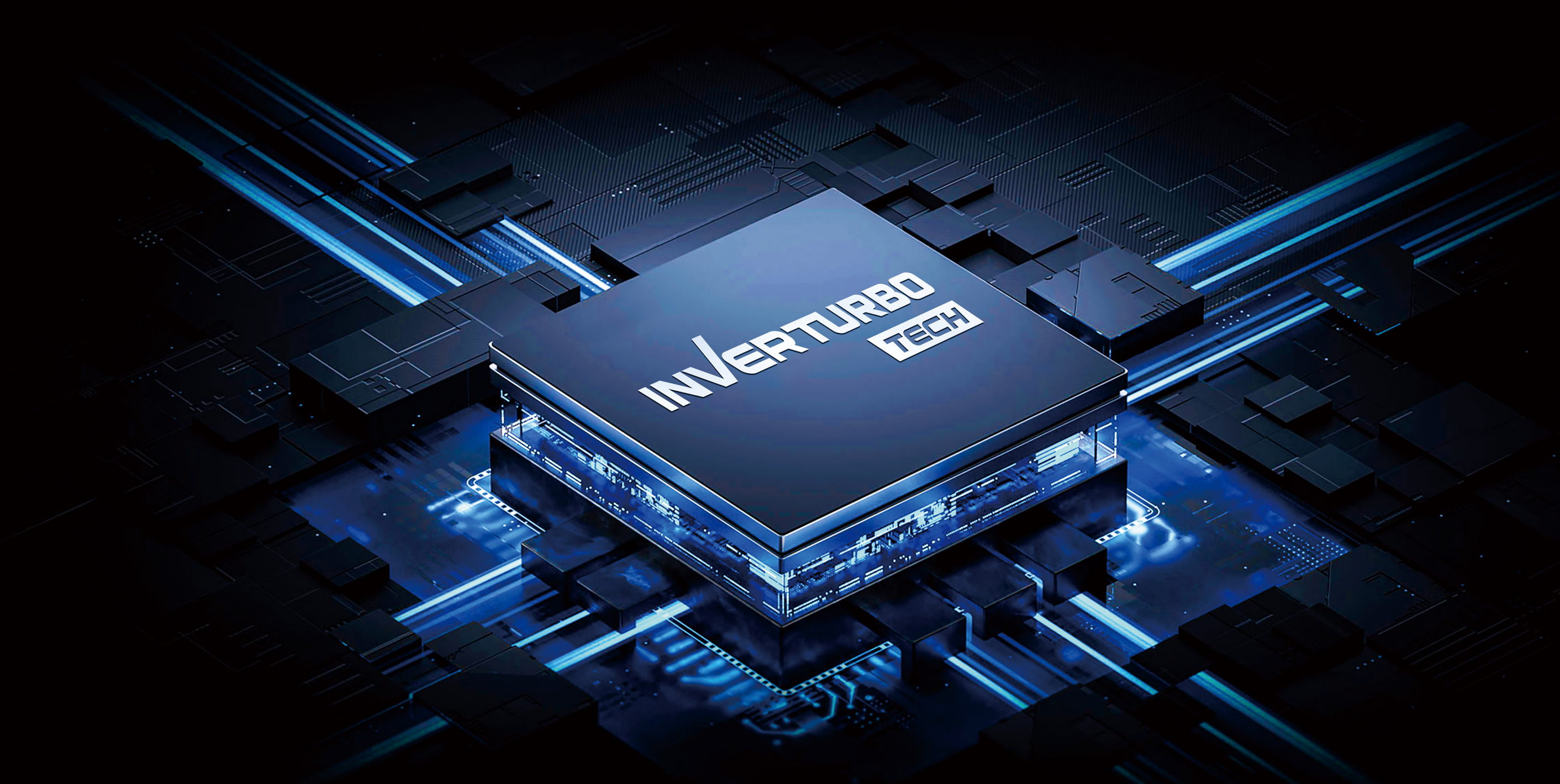
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CATALOG 2024

INVERTURBO

TECH

InverTurbo technology adopts an advanced PID algorithm for accurate control of chlorine production and pH regulation. With self-adaptation to different situations and 130% powerful Turbo, InverTurbo saves more time whether during initial disinfection or after having a party. It can also operate at a salinity low to 1g/L and guarantee 60% efficiency compared to normal salt level, no more salt-adding anxiety!



SLIMMEST PAD DESIGN



75mm Slimmest Thickness



Visible Water Quality



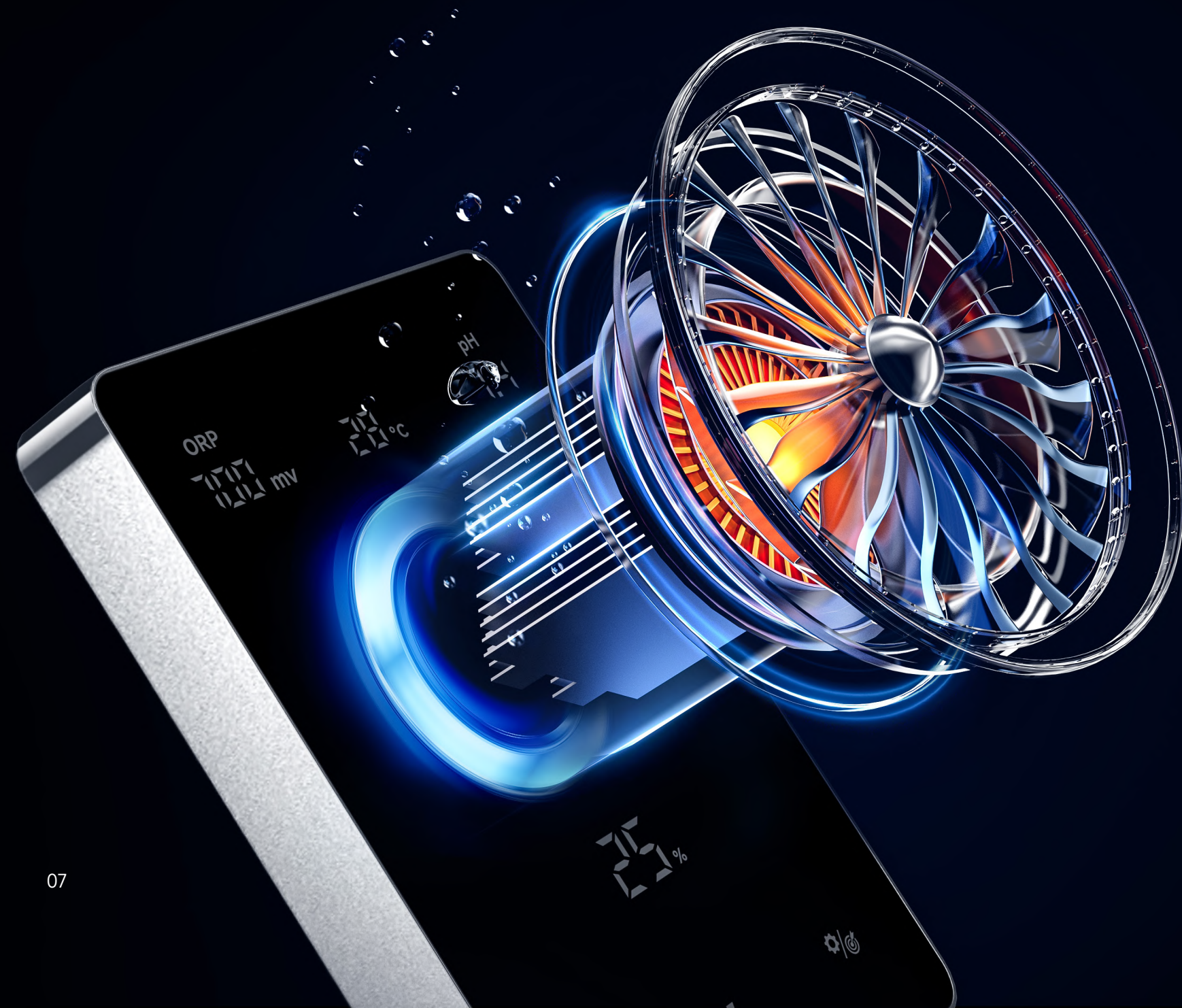
Intuitive Touch Screen





INNOVATIVE ONECELL

Aquark's self-developed OneCell, integrated with water quality monitoring and electrolyzer, is a compact and solid solution, which is easy for installation as well.



130% POWERFUL TURBO INVERTER

0%~130% Dynamic Production

Detection-based inverter regulation of chlorine
Determined by real-time needs at every millisecond

5-hour. Pool Ready

Automatic Turbo Mode
Get your pool ready and restored soon

*Based on the following conditions: swimming pool $\leq 100\text{m}^3$,
flow rate $\leq 20\text{m}^3/\text{h}$, initial salinity $\geq 3000\text{ppm}$, free chlorine standard around 1mg/L .

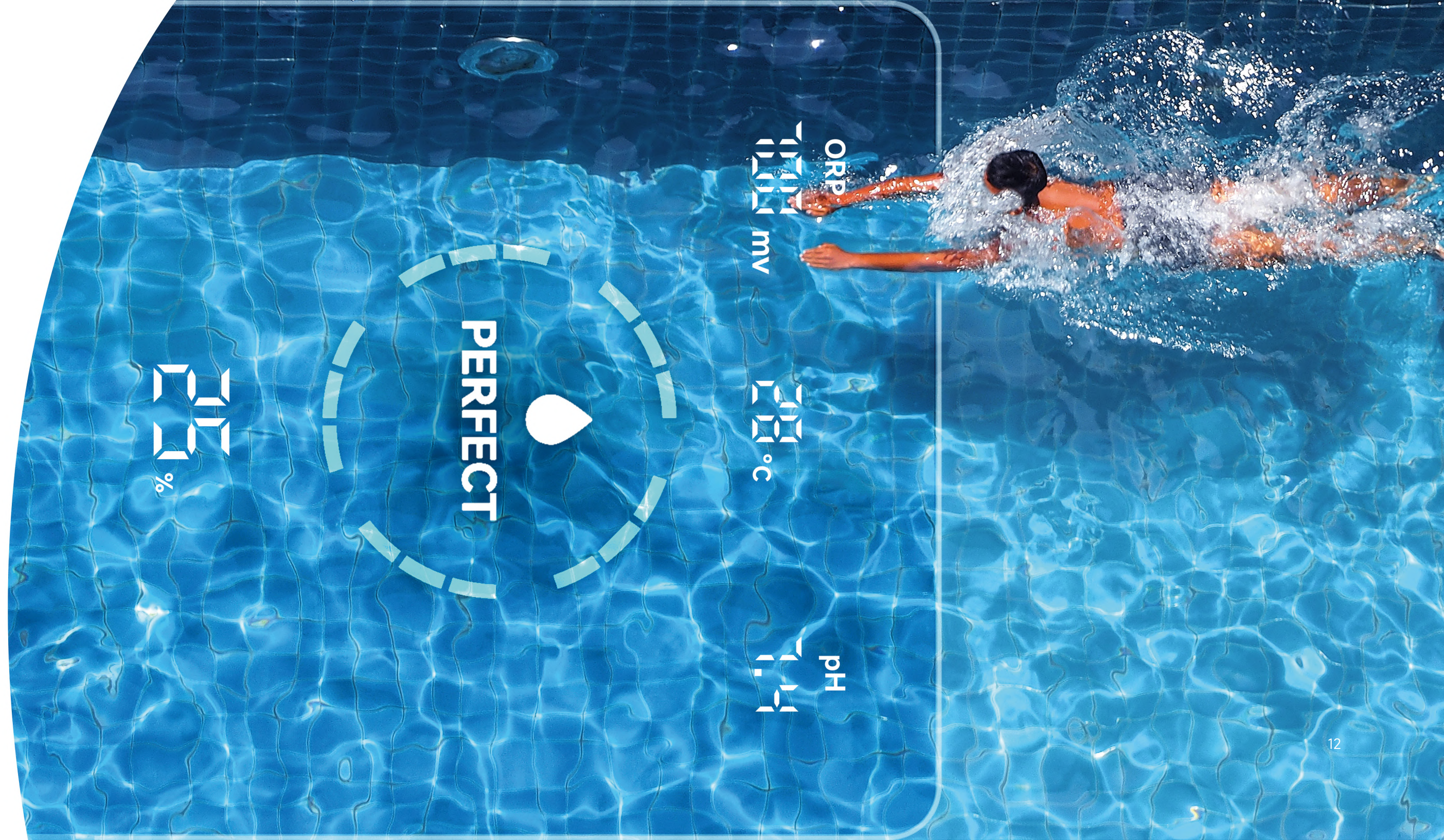


LOW TO 1g/L

Thanks to InverTurbo technology, Mr. Pure releases you from any concerns about swimming in saltwater or forgetting to add salt in time. It is able to operate at a salinity low to 1g/L, with 60% performance compared to normal salt. No salt-adding anxiety anymore!

VISIBLE WATER QUALITY

Users can just "look at" the real-time water quality on the pad controller anytime when they want to swim, even if they have no idea about chemistry.



Inverter Energy Saving

UP TO 1000 KWH SAVING FOR 5 YEARS

Save up to 1000kWh in energy consumption through a 5-year usage, thanks to the durability brought by self-regulating operations under the unique inverter control.







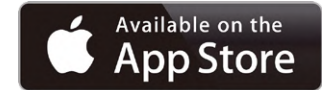


One-Click Simplicity

APP CONTROL

One more pad screen to keep you well informed of real-time water reports

-  ORP/pH/Temperature Reading
-  One-click Turbo/Boost
-  Salinity Reference
-  Logs Review



MORE FEATURES



Salinity Detection



Replaceable Electrode



Self-cleaning Cell



Simple Touch Screen



Build-in pH Regulator



Auto Low Mode



PARAMETERS OF MR. PURE

Model	MPS14	MPS22	MPS30	MPS34
Production at 130% (g/h, 3000PPM)	14.0	22.0	30.0	34.0
Production at 130% (g/h, 1000PPM)	7.0	12.0	17.0	19.0
Production at 100% (g/h, 3000PPM)	11.0	17.0	23.0	26.0
Salt Level (g/L)	1 ~ 5 (recommended 3g/L)			
Advised Pool Volume (m ³) (at 3000PPM)	20-50	35-90	40-110	50-130
TECHNICAL SPECIFICATIONS				
Advised Water Flux (m ³ /h)	5 ~ 20			
Power Supply	100-240V 50/60Hz			
Power Consumption (W)	80	115	135	140
Operating Temperature (°C)	-5 ~ 42			
Salinity Test	Salt Level Detection (accuracy ±500PPM)			
Self-cleaning	Default 4h, 3 options in total (2/4/6h)			
Dosing Pump	Built-in/Integrated			
Communications	MODBUS RS485 / Wi-Fi / Dry Contact			
Control Unit Dimension LxWxH (mm)	202 x 270 x 75			
ELECTROLYSIS CELL				
Water Connection (mm)	63 / 60.3 / 50 / 48.3			
Water Temperature (°C)	10 ~ 40			
Maximum Pressure (Bar)	3			
Cell Life (h)	12,000			
PACKAGING SPECIFICATIONS				
Gross Weight (kg)	9.5			
Packaging Dimension LxWxH (mm)	550 x 400 x 300			
Qty per 20'FT/40'HQ (sets)	364/896			