

AQUARK®
iOutdoor Living

INVERPURE TECH

INVERCLEAR

Visible Clear, Invisible Care



Aquark Technology Limited
www.aquarkthailand.com

CATALOG 2023

SLIMMEST PAD DESIGN

Inheriting the slimmest design, InverClear delights you with space-saving installation and clear data reading about water quality and running capacity on its pad screen. The unique design of responsive indicator lights also helps you master the water state easily by colors.

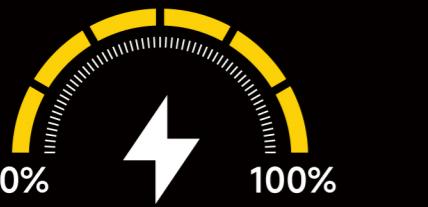


INVERPURE TECH

1st Full-Inverter Salt Chlorinator

InverPure technology adopts an advanced PID algorithm for accurate control of chlorine production and pH regulation. With self adaptation to different situations and 100% powerful inverter, InverPure saves more time whether during initial disinfection or after having a party. It can also operate at a low salt level of 2g/L and keep crystal pure water without worries about frequent salt maintenance.





0%-100% Inverter Operation

DYNAMIC CONTROL

Embedded with dynamic inverter control, InverClear is intended to offer triple benefits beyond expectations.

Running adaptively from 0%-100%, the new type features more durable cell life, absolute energy-saving operation, and lasting water quality.



LOW TO 2g/L

InverClear frees your concerns about swimming in saltwater or forgetting to add salt in time, thanks to InverPure technology, which enables it to operate even at low salt levels of 2g/L, benefiting both swimmers and pool systems.



VISUALIZED WATER QUALITY

'SEE' the real-time water quality on the pad controller easily, even if you have no idea about chemistry.



MODULAR CELL

InverClear's modular cell, with an electrode, acid injector, sensor holder and flow switch, is easy to install.



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 the real-time water reports

 ORP/pH/Temperature Reading

 One-click Turbo/Boost

 Salinity Reference

 Logs Review



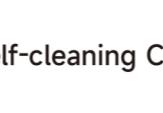
MORE FEATURES



Salinity Detection



Replaceable Electrode



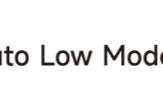
Self-cleaning Cell



Pump Control



Build-in pH Regulator



Auto Low Mode



PARAMETERS OF INVERCLEAR

Model	ICS10	ICS16	ICS22	ICS28
Production (g/h, 3000PPM)	10.0	16.0	22.0	28.0
Salt Level (g/L)		2 ~ 5 (recommended 3g/L)		
Advised pool volume (m³) *	20-45	35-75	40-100	50-120
TECHNICAL SPECIFICATIONS				
Advised water flux (m³/h)		5 ~ 18		
Power Supply		100-240V 50/60Hz		
Power Consumption (W)	60	85	110	130
Operating Temperature (°C)		-5°C ~ 42°C		
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)		63/50		
Electrodes		10 titanium plates		
Water Temperature		10°C ~ 40°C		
Maximum Pressure		3.0 Bar for Probe Cell, 4.5 Bar for Electrolysis Cell		
Cell Life(h)		10000		
PACKAGING SPECIFICATIONS				
Net Weight (kg)		7.3		
Gross Weight (kg)		9		
Packaging Dimension LxWxH (mm)		550 x 400 x 300		
Qty per 20'FT/40'HQ (sets)		364/896		