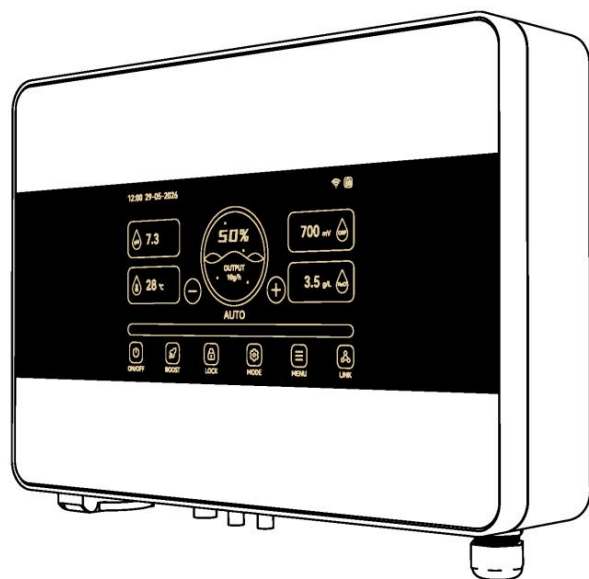




AI FULL INVERTER SALT CHLORINATOR USER MANUAL



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Warning

1. To ensure you and your family receive the best product experience and service, please read the entire user manual carefully before installation and use, and strictly comply with all the instructions.
2. The user manual is an integral part of this product and contains essential installation and usage information. For you and your family to benefit from the best product experience and service, please keep it in a safe place for future reference.
3. Installation of this product must be performed by qualified professionals. Incorrect installation may cause injury to persons, animals, and damage to the product; the manufacturer assumes no responsibility.
4. The sodium chloride required for the operation of this product is inherently a corrosive substance. Although the salt concentration in pool water during normal operation of this product is relatively low compared to seawater, adding any amount of sodium chloride inevitably increases the risk of corrosion or damage to metal parts and certain natural or artificial surfaces. Please consult your experienced pool professional to ensure that your pool and pool equipment are made from materials resistant to corrosion caused by low-concentration sodium chloride solutions.
5. To reduce risk, children should not handle or use this product.
6. The acid added to regulate the pool water pH in this product is corrosive. When maintaining the equipment, please wear personal protective equipment (gloves, goggles, etc.) to prevent harm to people, animals, and damage to the equipment.
7. The pH and ORP Electrodes are delicate components; avoid dropping or severe impact. The probes of the pH and ORP Electrodes must remain continuously immersed in pool water and electrode storage solution; extended exposure outside liquid will damage the electrodes or cause inaccurate test results.
8. When you need to replace parts, only use components provided or approved by our company. The manufacturer is not responsible for any equipment damage or performance decline caused by replacing parts with those not approved by our company.
9. This product is intended for installation only in well-ventilated indoor environments, avoiding direct sunlight and rain. The installation environment temperature should be between 0~45°C, and the relative humidity should not exceed 93%.

1. Product Overview:

The Salt Chlorinator is an intelligent, efficient, and environmentally friendly residential pool disinfection device, featuring variable frequency chlorine generation, water quality monitoring (pH, ORP, and salt content), automatic acid addition, and centralized control of pool equipment. It can automatically adjust the pool water's pH and ORP values, as well as manage pool equipment centrally, providing users with a safer, more energy-efficient, environmentally friendly, and convenient home pool water quality management solution.

1.1 Core Product Functions:

- ① Water Quality Monitoring: Continuously monitor and regulate the pool water's pH and ORP values to ensure consistent water health.
- ② Acid Addition Function: Controls the Dosing pump to automatically add acid, maintaining stable pH levels in the pool water.
- ③ APP Remote Control: Enables remote monitoring and operation via the mobile app, making pool water quality management more convenient.
- ④ Salt Content Detection: Features a built-in core algorithm to visualize the salt content of the pool water.
- ⑤ BOOST Mode: One-touch BOOST chlorination acceleration function to quickly raise the ORP value of the pool water.
- ⑥ Multiple chlorine production control modes: including AUTO, TIMER, and AI Mode, flexibly adapting to different customer needs.
- ⑦ Pool equipment centralized control functions: capable of controlling pool circulation pumps (supporting single-speed pumps, variable-speed pumps, and frequency conversion pumps), pool heat pumps, underwater pool lights, pool UV sterilizers, and pool filters.
- ⑧ Multilingual function: supports multiple language settings to meet the needs of users from different countries.
- ⑨ OTA function: supports remote OTA upgrades to ensure continuous improvements in device performance.
- ⑩ Electrode calibration: equipped with pH electrode and ORP electrode calibration functions to ensure more accurate detection data.
- ⑪ Grounding Electrode: Provides grounding protection for the pool while eliminating the impact of stray currents on pool equipment.
- ⑫ Water Flow Monitoring: Chlorine production stops when the water pump is off or the flow rate is below 5 m³/h; chlorine production resumes when the flow rate exceeds 5 m³/h.
- ⑬ TIMER Mode: Operates according to user parameter settings. Users without a pH electrode, ORP Electrode, and Dosing Pump can use only this mode.
- ⑭ AUTO Mode: Operates in full automatic mode based on user parameter settings, controlling and maintaining the pool water's pH and ORP to ensure water quality meets user requirements.
- ⑮ AI Mode: Users only need to set the pool size, and AI Mode can fully automatically control the pH and ORP of the pool water, making it easier to use, smarter, more energy-efficient, and extending the service life of the Electrolytic Cell.

⑩COVER Mode: It can detect the status of the Pool Cover and automatically run COVER Mode when the Pool Cover is closed.

⑪Salt addition reminder function: When a low-salt alarm occurs, it can tell users how much salt to add, so users do not need to perform testing or complex calculations.

⑫Polarity reversal self-cleaning function: It can automatically perform polarity reversal self-cleaning to prevent scaling in the Electrolytic Cell and extend the service life of the Electrolytic Cell.

1.2 Product model:

Model	Chlorine Output	Water Temperature (°C)	Salinity (g/L)	Installation Environment Requirements	Applicable Pool Size
M10	10g/h	15 ~ 45	1.0 ~ 5.0 (recommended 1.5)	Install indoors in a well-ventilated area, avoid exposure to sunlight and rain, ambient temperature 0 ~ 45°C, ambient humidity <93%.	≤40m ³
M15	15g/h				≤60m ³
M20	20g/h				≤80m ³
M25	25g/h				≤100m ³
M30	30g/h		2.5 ~ 5.0 (recommended 3.6)		≤120m ³
M40	40g/h				≤160m ³
M50	50g/h				≤200m ³
Remarks	When the local maximum temperature is >33°C, it is recommended to select a model one size larger for use.				

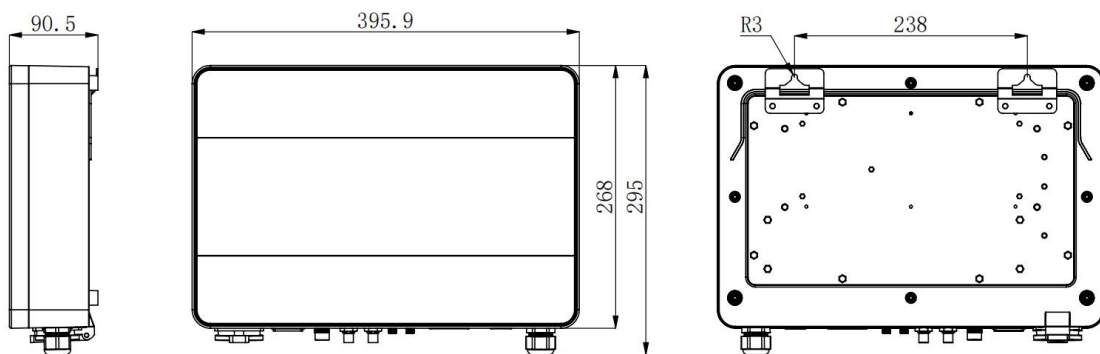
1.3 Product List:

No.	Category	Material Name	Quantity
1	Controller Section	Controller	1 unit
2		Expansion Screw for Controller wall mounting	2 pcs
3		Power cord (2 m)	1 pc
4		Controller mounting hook	2 pcs
5	Dosing Pump section	Dosing Pump	1 unit
6		Dedicated Expansion Screws for Wall-Mounted Dosing Pump Installation	2 pcs
7		Dosing Pump Power Cord	1 pc
8		Injection Valve	1 pc
9		Filter Foot Valve	1 pc
10		Dosing Pump Inlet Tube (Φ4*6 PE Tube)	2m
11		Dosing Pump Outlet Tube (Φ4*6 PE Tube)	2m
12		Electrolytic Cell	1 pc

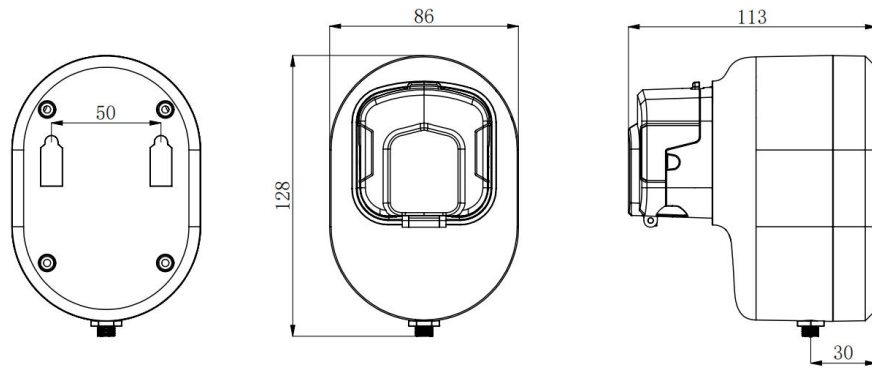
13	Electrolytic Cell Section	Electrolytic Cell Union Nut	2 pcs
14		Electrolytic Cell Union Adapter (with O-Ring Seal)	2 pcs
15		Water Flow and Water Temperature 2-in-1 Sensor (with O-Ring Seal and Nut)	1 pc
16		Electrolytic Cell Wiring Retaining Copper Nut	2 pcs
17		Pool Grounding Terminal (with Cable Lug and Retaining Screw)	1 pc
18	Detection Cell Section	Detection Cell Chamber	1 pc
19		Detection Cell Large Nut	1 pc
20		Detection Cell Pressure-Reducing Chamber	1 pc
21		Detection Cell Saddle	1 pc
22		Pressure-Reducing Chamber O-Ring Seal	2 pcs
23		Detection Cell Union Nut (with O-Ring Seal)	2 pcs
24		Detection Cell Union Adapter	2 pcs
25		Electrode Mounting Bushing	2 pcs
26		Electrode Mounting Sleeve	2 pcs
27		Electrode Mounting Nut	2 pcs
28		O-Ring Seal (for Electrode Mounting Bushing)	2 pcs
29		O-Ring Seal (for Electrode Mounting)	4 pcs
30		O-Ring Seal (for Injection Valve Mounting)	2 pcs
31		pH Electrode	1 piece
32		ORP Electrode	1 piece
33	Other	WIFI Module	1 pc
34		User Manual	1 copy
35		pH 7.0 Standard Solution (30 ml)	0 bottles
36		ORP 468 mV Standard Solution (30 ml)	0 bottles

1.4. Product Dimensions:

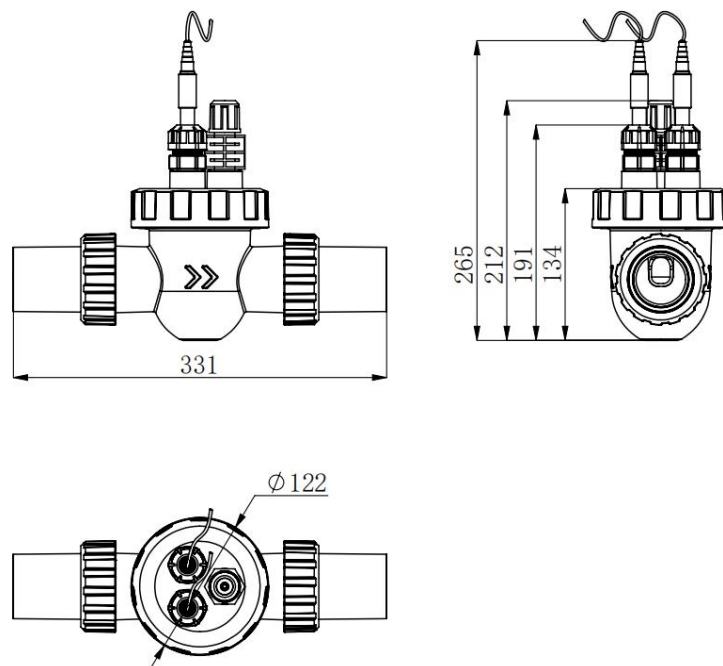
① Controller Dimensions



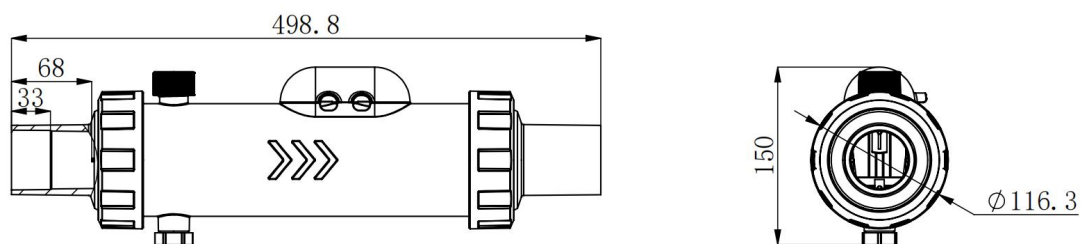
②Dosing Pump Dimensions



③Detection Cell Dimensions



④Electrolytic Cell Dimensions

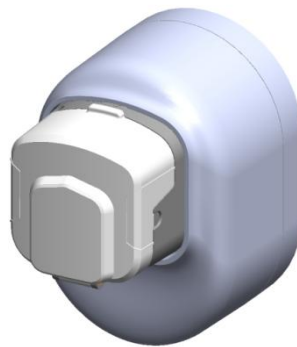


1.5 Product Appearance:

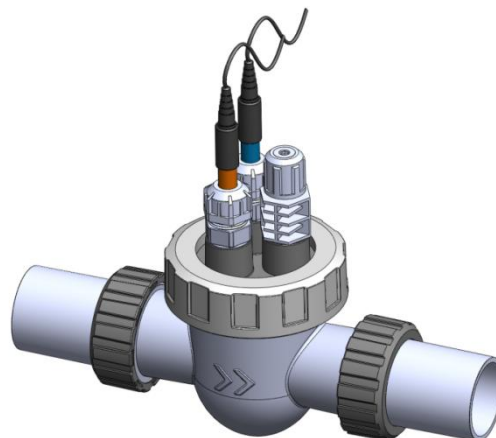
①Controller Appearance



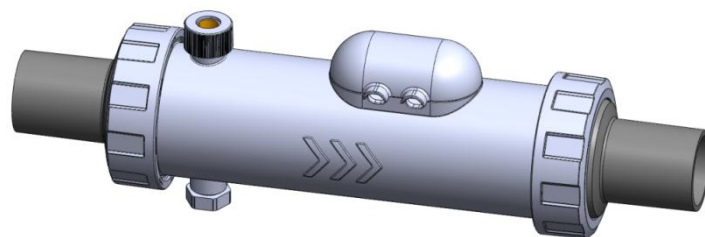
②Dosing Pump Appearance



③Detection Cell Appearance

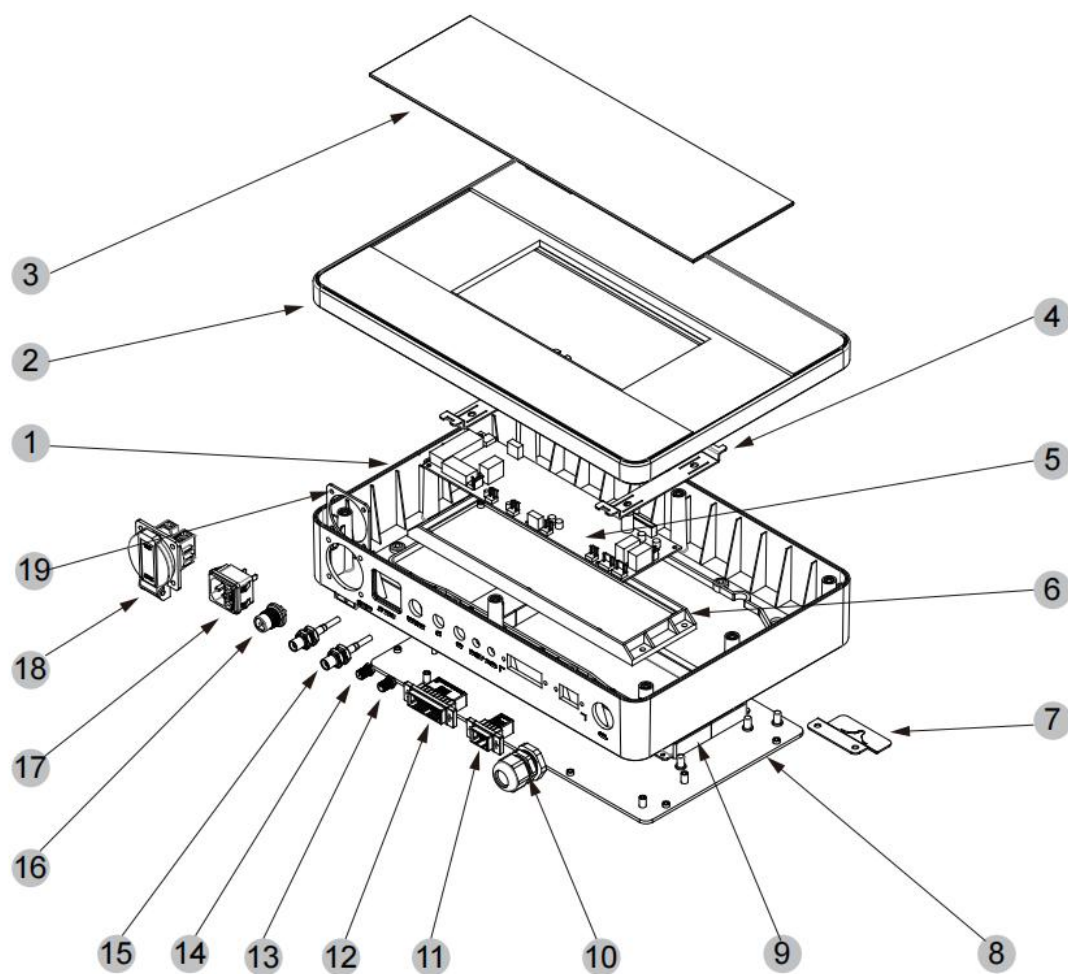


④Electrolytic Cell Appearance



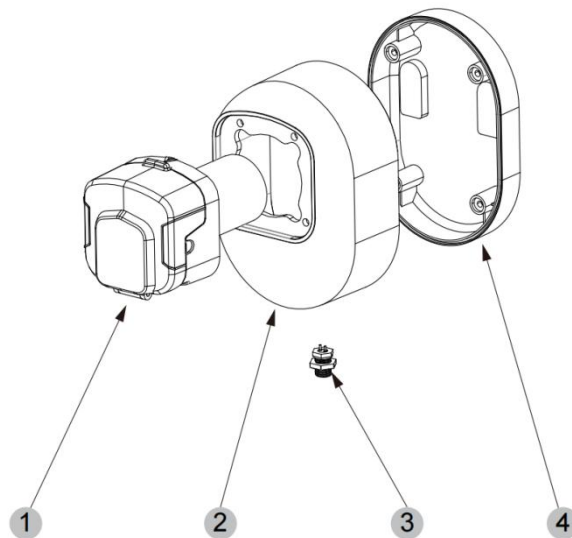
1.6 Product Exploded View:

① Controller Exploded View



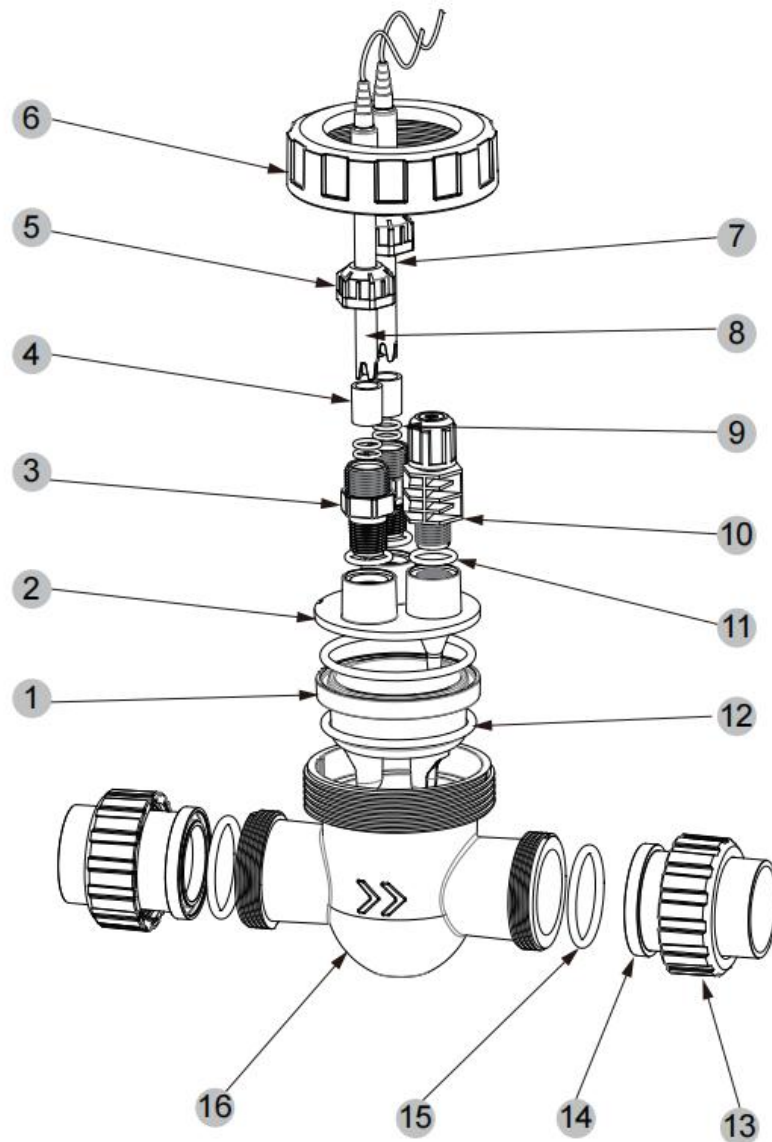
No.	Code	Name	Specifications	Qty
1	809000002046	Controller Lower Housing	PC+ABS	1
2	809000002045	Controller Top Cover	PC+ABS	1
3	823000000349	Colorful Display	070-GNJYFN	1
4	807000017366	Fixed Bracket	Galvanized plate	2
5	823000000341	DC Motor	304/t1.35	1
6	809000002047	MainControl Board Housing	PC+ABS	1
7	807000015528	Wall Hanging Plate	304/t1.35	2
8	807000017365	Power Fixing Plate	5052-H34	1
9	826000000033	Load Power Supply Board	YL-DY-180	1
9	826000000034	Load Power Supply Board	YL-DY-300	1
10	809000001925	Wire Cable Sheath	PG19	1
11	828000000037	Terminal Block	6-PT-3.81-X	1
12	828000000039	Terminal Block	16-PT-3.81-X	1
13	827000001389	pH doser connection cable	2-core connecting cable	1
14	827000001389	Flow/T connection cable	4-core connecting cable	1
15	827000001390	ORP BNC connector	BNC-KYC1.5-L33	1
15	827000001390	ORP BNC connector	BNC-KYC1.5-L33	1
16	827000001388	Waterproof Aviation Plug	52—100311—01	1
17	828000000102	Power Socket	HD-F42-1	1
18	828000000103	European-standard power outlet	250V 16A IP44	1
18	828000000101	Australian-standard power outlet	250V 15A IP44	1
18	828000000100	U.S.-standard power outlet	125V 15A IP44	1
18	828000000104	British-standard power outlet	250V 13A IP54	1
19	807000017363	Socket Fixing Plate	DX51D+Z80/t2	1

②Dosing Pump Exploded View



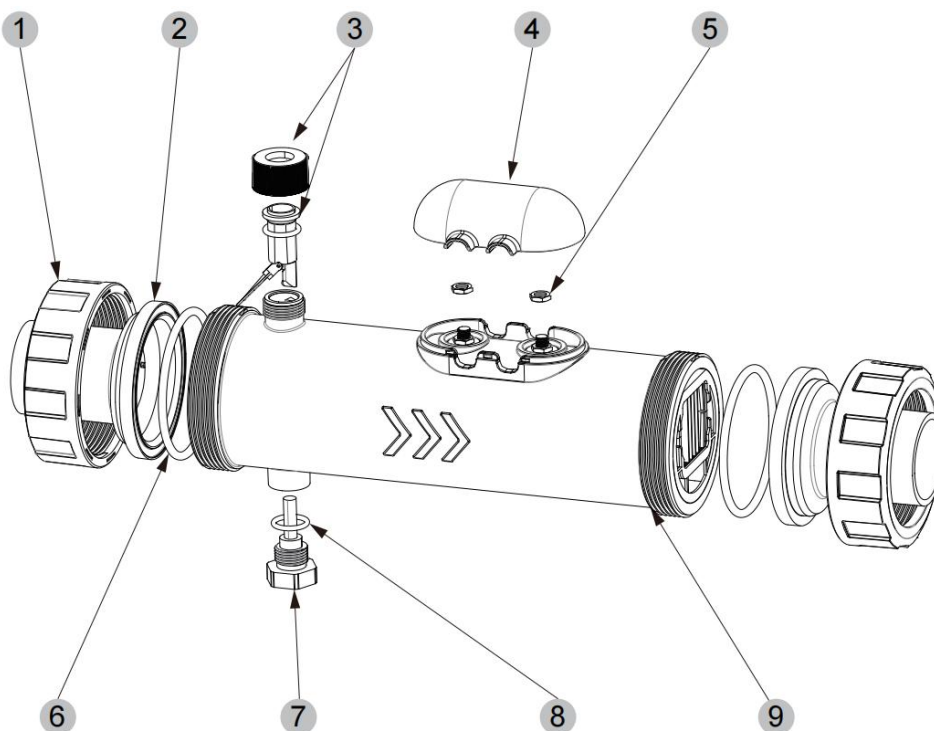
No.	Code	Name	Specifications	Qty
1	802000000200	Dosing Pump	12V 0.8A 210ml/min	1
2	8090000002049	Dosing Pump Front Housing	PC+ABS	1
3	8090000002048	Dosing Pump Bottom Housing	PC+ABS	1
4	8270000001389	Waterproof power cord plug	M8 2-core	1

③Detection Cell Exploded View



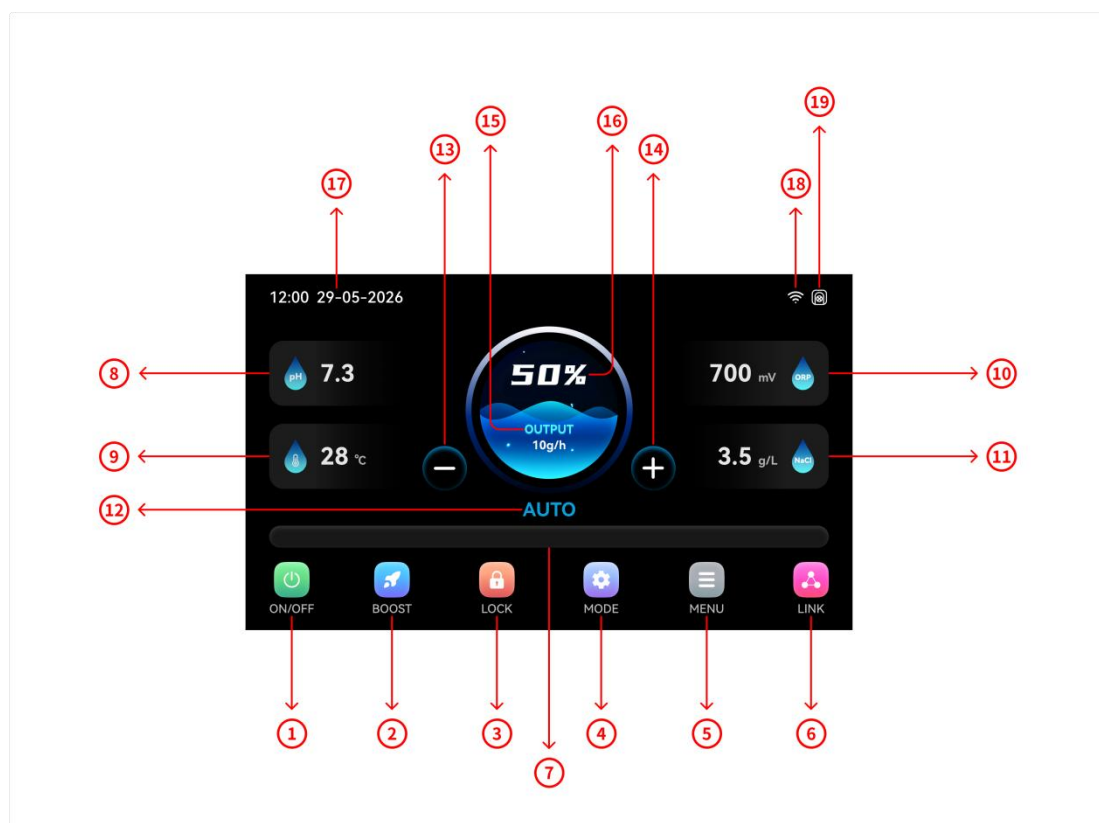
No.	Code	Name	Specifications	Qty
1	809000002043	Decompression Chamber	PC	1
2	809000002044	Detection Cell Saddle	PC	1
3	809000002037	Electrode Mounting Shaft Sleeve	ABS+PC	2
4	809000002038	Electrode Plastic Sleeve	ABS+PC	2
5	809000002039	Electrode Shaft SleeveNut	ABS+PC	2
6	809000002036	Tighten The Nut	ABS+PC	1
7	830000000538	Water Quality Sensor(pH)	$\phi 12 \times 120$	1
8	830000000539	Water Quality Sensor(ORP)	$\phi 12 \times 120$	1
9	817000000176	O-Ring	$\phi 12 \times \phi 17$	4
10	809000002051	Injection Valve	4*6 PVDF	1
11	817000000190	O-Ring	$\phi 21 \times \phi 28$	1
12	817000000162	O-Ring	$\phi 80 \times \phi 90$	1
13	809000002041	Tighten The Nut	ABS+PC	2
14	809000002040	Core filler	PVC	2
15	817000000160	O-Ring	$\phi 50 \times \phi 60$	2
16	809000002042	Detection Cell Cavity	PC	1

④Electrolytic Cell Exploded View



No.	Code	Name	Specifications	Qty
1	809000002033	Electrolytic Cell Union Nut	ABS+PC	2
2	809000002031	Electrolytic Cell Union Bushing	PVC	2
3	829000000178	Flow Switch	G3/4	1
4	809000002035	Electrolytic Cell Wiring Cover	PC	1
5	/	Copper nut	M8	2
6	817000000178	O-Ring	EPDM $\Phi 86 \times \Phi 96$	2
7	822000000418	Grounding Electrode	ABS+PC+316/G1/2	2
8	817000000179	Grounding Electrode	EPDM $\Phi 18 \times \Phi 24$	2
9	809000002074	Electrolytic Cell Components	Chlorine production rate(10g/h)	1
9	809000002075	Electrolytic Cell Components	Chlorine production rate(15g/h)	1
9	809000002076	Electrolytic Cell Components	Chlorine production rate(20g/h)	1
9	809000002077	Electrolytic Cell Components	Chlorine production rate(25g/h)	1
9	809000002078	Electrolytic Cell Components	Chlorine production rate(30g/h)	1
9	809000002079	Electrolytic Cell Components	Chlorine production rate(40g/h)	1
9	809000002080	Electrolytic Cell Components	Chlorine production rate(50g/h)	1

1.7 Product Interface (Home):



- ① ON/OFF button: When powered off, short press to power on; when powered on, short press to power off.
- ② BOOST button: When BOOST is off, short press to enable BOOST acceleration mode; when BOOST is on, short press to exit BOOST acceleration mode.
- ③ LOCK/UNLOCK button: When unlocked, short press to lock the screen; when the screen is locked, short press to unlock.
- ④ MODE button: Short press to enter the Chlorine Generation Mode selection settings screen.
- ⑤ MENU button: Short press to enter the menu selection settings screen.
- ⑥ LINK button: Short press to enter the Equipment Interlock selection settings screen.
- ⑦ Information prompt area: Displays current alarm and reminder information.
- ⑧ Pool water pH indicator area: Displays pool water pH information. The pH display range is 0.0–9.9; if it is outside this range, “- -” is displayed; When the pool water pH is good ($6.8 \leq \text{pH} \leq 7.8$), the icon is a blue water drop; When the pool water pH is not very good ($\text{pH} > 7.8$ or < 6.8), the icon is an orange water drop; tap this area to go directly to the pool water pH history curve screen.
- ⑨ Pool water temperature indicator area: Displays pool water temperature information. The water temperature display range is 0–99°C; if it is outside this range, “- -” is displayed; when the water temperature is normal (15–45°C), the icon is a blue water drop; when the water temperature is abnormal (< 15 or $> 45^\circ\text{C}$), the icon is an orange water drop; tap this area to go directly to the pool water temperature history curve screen.
- ⑩ Pool Water ORP Information Display Area: Displays pool water ORP information. The ORP

display range is 0–999 mV; outside this range, “- -” is displayed; When the pool water ORP is good ($600\text{ mV} \leq \text{salt content} \leq 800\text{ mV}$), the icon is a blue water droplet; When the pool water ORP is not very good ($\text{salt content} > 800\text{ mV}$ or $< 600\text{ mV}$), the icon is an orange water droplet.

⑪ Pool Water Salt Content Information Display Area: Displays pool water salt content information. The salt content display range is 0.0–9.9 g/L; outside this range, “- -” is displayed; When the pool water salt content is normal ($1.0\text{ g/L} \leq \text{salt content} \leq 5.0\text{ g/L}$), the icon is a blue water droplet; When the pool water salinity is abnormal ($\text{salinity} > 5.0$ or < 1.0), the icon is an orange water droplet; tap this area to go directly to the pool water salinity history curve screen.

⑫ Chlorine Generation Mode display: Displays the current Chlorine Generation Mode, including five modes: AUTO, AI, TIMER, BOOST, and COVER.

⑬⑭ Chlorine Output Level adjustment buttons: Short-press the “+” and “-” buttons to adjust the Chlorine Output Level up or down. The Chlorine Output Level ranges from 25% to 100% in 25% increments, with the default set to 100%; When running AUTO Mode, AI Mode, BOOST Mode, and COVER Mode, the Chlorine Output Level adjustment buttons will be hidden.

⑮ Chlorine Output information display: Displays the current Chlorine Output (for example: OUTPUT 20g/h).

⑯ Chlorine Output Level information display: displays the current Chlorine Output Level (for example: 100%).

⑰ Date and time information display: displays the current date and time; tap this area to go directly to the date and time settings screen.

⑱ WIFI status display: when the WIFI connection is normal, the WIFI indicator icon stays on; during WIFI pairing, the WIFI indicator icon flashes; when WIFI is abnormal (disabled or no network), the WIFI indicator icon is not displayed.

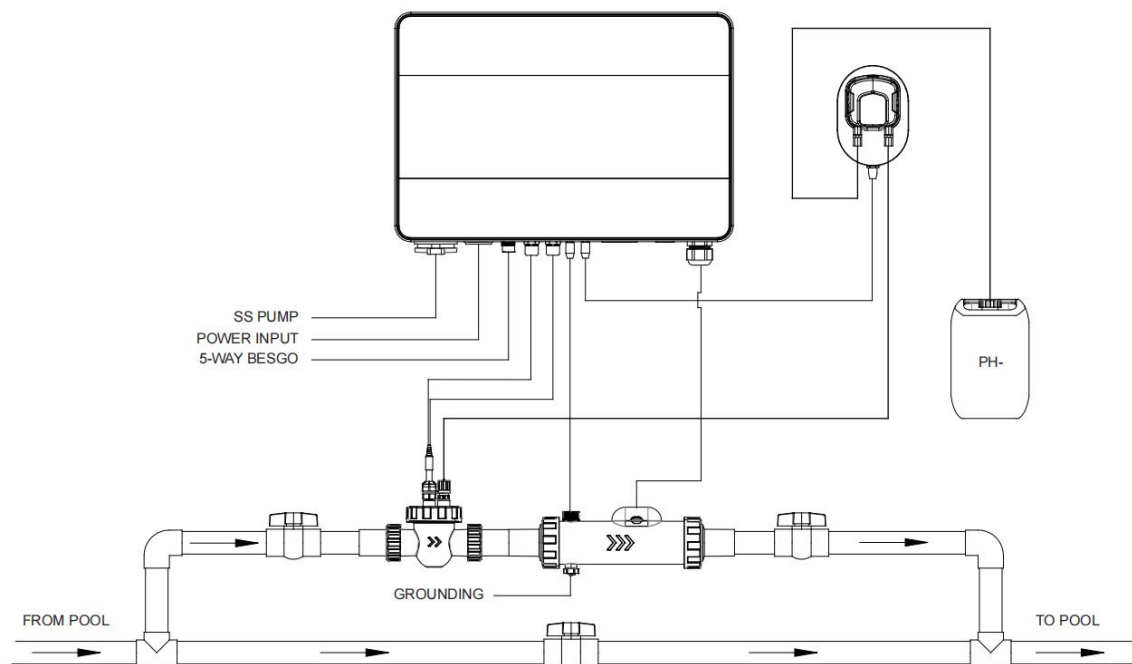
⑲ Dosing Pump status display: in standby status, the Dosing Pump indicator icon stays on; when the Dosing Pump is adding acid, the Dosing Pump indicator icon flashes; when the Dosing Pump is disabled, the Dosing Pump indicator icon is not displayed.

2. Product Installation

2.1 Basic Installation Requirements

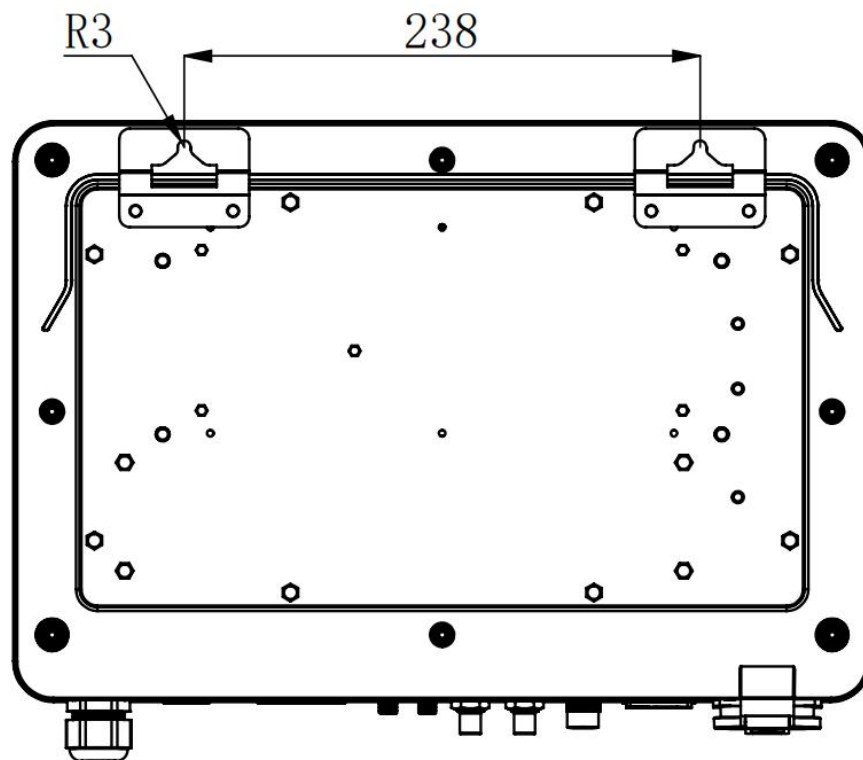
- 1) Before starting installation, ensure that the pipe size of the swimming pool circulation water pipeline to be installed matches the installation size of this product. This product comes standard with 1.5 " rigid PVC pipe unions by default, compatible with both metric and imperial systems (metric PVC Water Pipe: $\phi 50\text{mm}$; imperial PVC Water Pipe: $\phi 48.3\text{mm}$).
- 2) Before starting installation, confirm that the valve of the swimming pool circulation water pipeline where this product will be installed is closed.
- 3) Before starting installation, clean any oil stains or debris from the installation pipe opening and the matching union pipe opening.
- 4) This product should be installed on the circulation pipeline after the swimming pool filter and before the return to the swimming pool, and must be installed on the bypass pipeline. An adjustable valve must be installed on the main pipeline.
- 5) During installation, ensure that the water flow direction of the pool circulation piping matches the arrow direction on this product (Electrolytic Cell and Detection Cell).
- 6) When connecting the opening of the pool PVC Water Pipe to the product union opening, PVC-specific adhesive should be used.
- 7) Installation is only permitted in a well-ventilated indoor environment, away from sunlight and rain. The installation environment temperature should be between $0\sim 45^{\circ}\text{C}$, and the relative humidity should not exceed 95%.
- 8) The power input of the Controller must be installed on a power supply protected by a leakage switch (AC220-240V ~ 50/60Hz).
- 9) The Electrolytic Cell and Detection Cell are recommended to be installed horizontally, with the Detection Cell installed before the Electrolytic Cell. During installation, sufficient space must be reserved to facilitate maintenance and repair by the user.
- 10) The Controller and Dosing Pump are recommended to be wall-mounted. During installation, sufficient space must be reserved to facilitate maintenance and repair by the user.

2.2 Installation Diagram



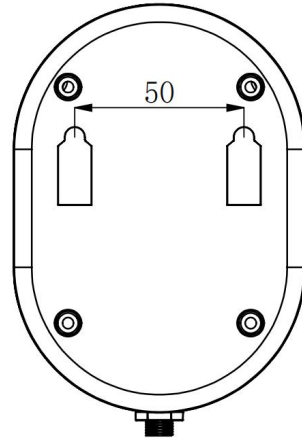
2.3 Controller Installation

The recommended wall-mounting height for the Controller is 1.5–1.7 m, and the spacing between Expansion Screws is 238 mm.



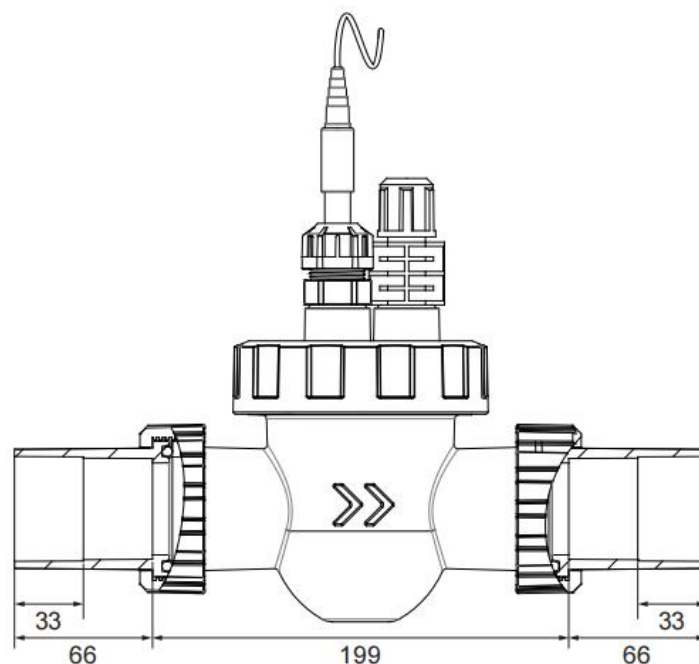
2.4 Dosing Pump Installation

The recommended wall-mounting height for the Dosing Pump is 1.2–1.5 m, and the spacing between Expansion Screws is 50 mm.



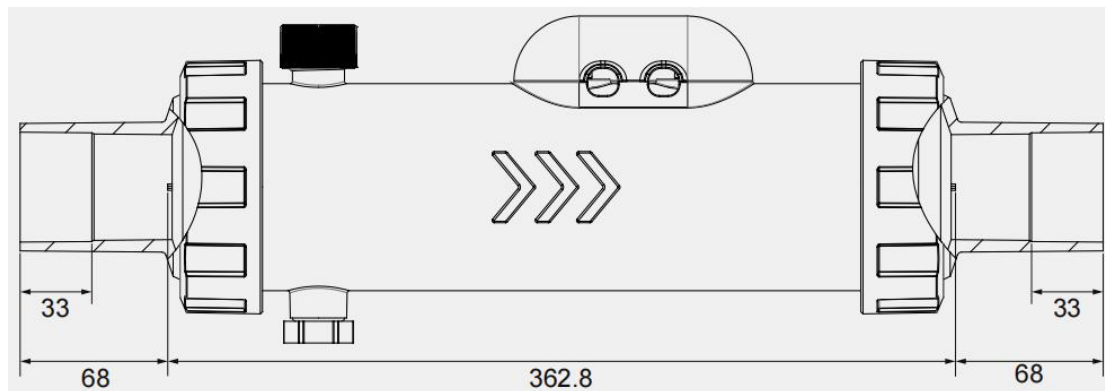
2.5 Detection Cell Installation

The Detection Cell is recommended to be installed horizontally, and the water flow direction must match the arrow direction on the Detection Cell. When connecting with a PVC Water Pipe with an outer diameter of 48.3 mm, the minimum distance between the pipe cuts at both ends is 199 mm (for easier installation, the recommended range for the distance between the pipe cuts at both ends is 200–201 mm). When connecting with a PVC Water Pipe with an outer diameter of 50 mm, the minimum distance between the pipe cuts at both ends is 265 mm (for easier installation, the recommended range for the distance between the pipe cuts at both ends is 266–267 mm).



2.6 Electrolytic Cell Installation Diagram

It is recommended to install the Electrolytic Cell horizontally after the Detection Cell, and the water flow direction must align with the arrow direction on the Detection Cell. When connecting with a PVC Water Pipe with an outer diameter of 48.3 mm, the minimum distance between the pipe cuts at both ends is 362.8 mm (for easier installation, the recommended distance between the pipe cuts at both ends is 364–365 mm). When connecting with a PVC Water Pipe with an outer diameter of 50 mm, the minimum distance between the pipe cuts at both ends is 432.8 mm (for easier installation, the recommended distance between the pipe cuts at both ends is 434–435 mm).



2.7 Preparation Before Use

1) Before turning on the Salt Chlorinator, the pool water chemistry must first be balanced to ensure that the pool water meets the requirements in the table below.

Pool Water Chemical Balance Requirements		
Item	Requirement	Remarks
pH	7.2 ~ 7.6	
Salt Content	1.0 ~ 2.5 g/L	Low-Salt Version
	/	/
	2.5 ~ 5.0 g/L	Standard Version
Free Chlorine	0.5 ~ 3.0 ppm	
Cyanuric Acid (Chlorine Stabilizer)	0 ppm	Indoor Pool
	10 ~ 20 ppm	Outdoor Pool (with Pool Cover)
	20 ~ 50 ppm	Outdoor Pool (without Pool Cover)
Total Alkalinity	80 ~ 120 ppm	
Total Hardness	≤350 ppm	
Other Indicators	Meets local municipal water requirements	

2) Low-salt version: It is recommended to add 1.5 kg of Salt for Pool Salt Chlorinators per cubic meter of pool water; Standard version: It is recommended to add 3.6 kg of Salt for Pool Salt Chlorinators per cubic meter of pool water. Salt for Pool Salt Chlorinators (sodium chloride content ≥99.9%, calcium and magnesium ion content < 0.01%).

3) After the Salt Chlorinator is installed, first open the inlet and outlet valves on the Salt Chlorinator water line; set the valve on the main line to the closed position.

4) Set the pool sand filter to recirculating filtration mode.

5) Start the water pump, adjust the water pump (Variable-Speed Pump and Variable-Frequency Pump) to maximum speed, and run it for 5 min. Check and confirm that there are no water leaks in the Detection Cell, Electrolytic Cell, or any connections.

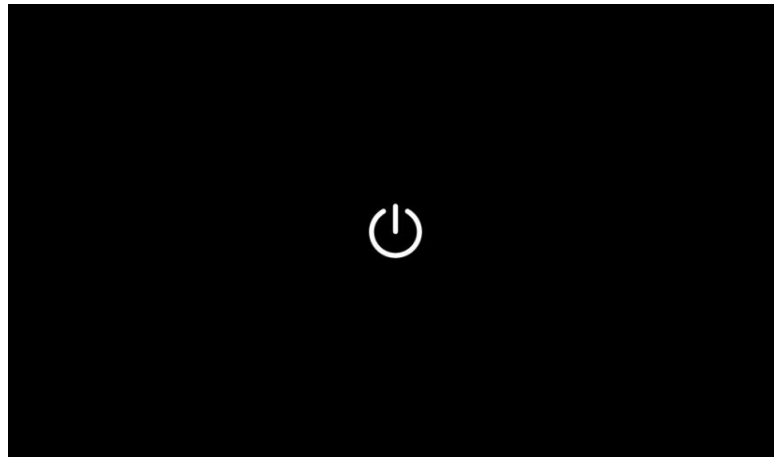
6) Adjust the speed of the water pump (Variable-Speed Pump and Variable-Frequency Pump) or the opening of the main line valve so that the water flow switch of the Salt Chlorinator can close normally ($5 \text{ m}^3/\text{h} \leq \text{water flow} \leq 25 \text{ m}^3/\text{h}$).

7) Pour Salt for Pool Salt Chlorinators into the pool water, and turn on the Salt Chlorinator after the salt has completely dissolved.

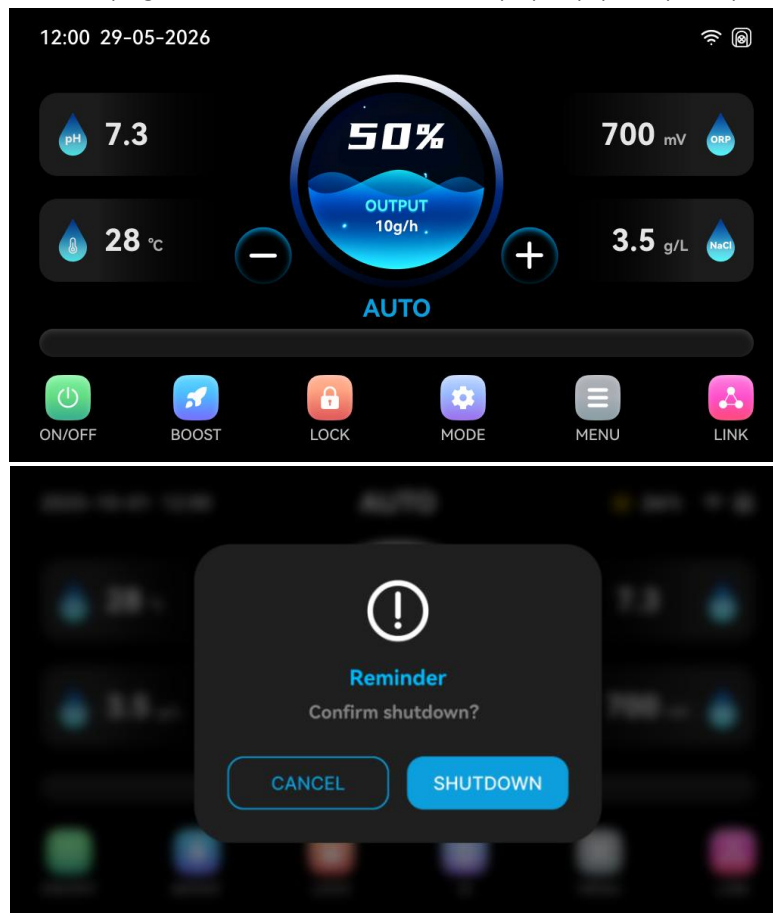
3. Operation

3.1 Power On/Off (ON/OFF)

1) When the unit is powered off, briefly press the “ON/OFF” button in the middle of the screen on the home page to power it on. After startup is complete, the home page is displayed.



2) When the device is powered on, briefly press the “ON/OFF” button at the lower left of the screen on the home page, then follow the shutdown pop-up prompt to power it off.

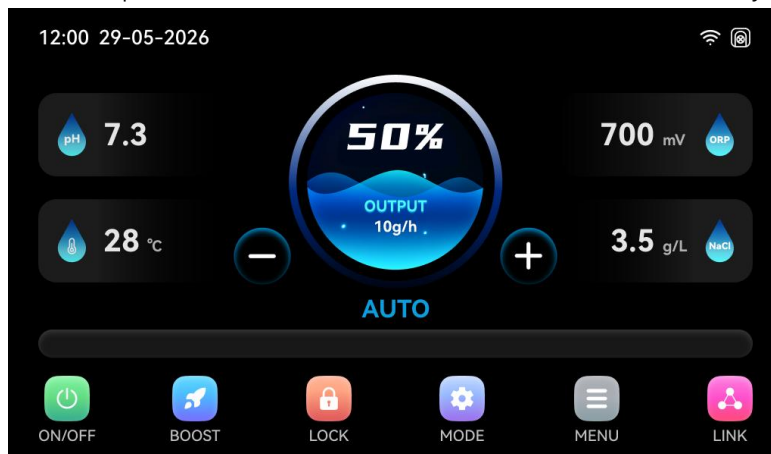


3.2 Turn On/Off BOOST Mode (BOOST)

1) When not in BOOST Mode, briefly press the “BOOST” button on the home page to turn on BOOST Mode; After BOOST Mode runs for 24 hours, the previous Chlorine Generation Mode will automatically resume.



2) In BOOST Mode, briefly press the “BOOST” button on the home page to turn off BOOST Mode, and the previous Chlorine Generation Mode will automatically resume.

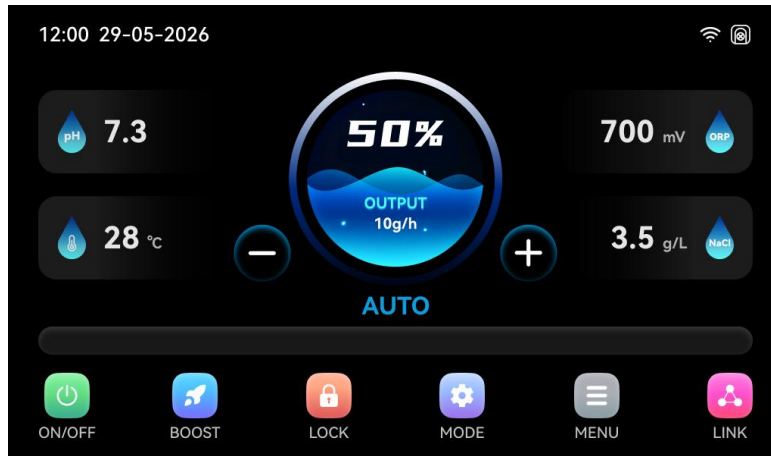


3) In AI Mode, BOOST Mode cannot be manually enabled.

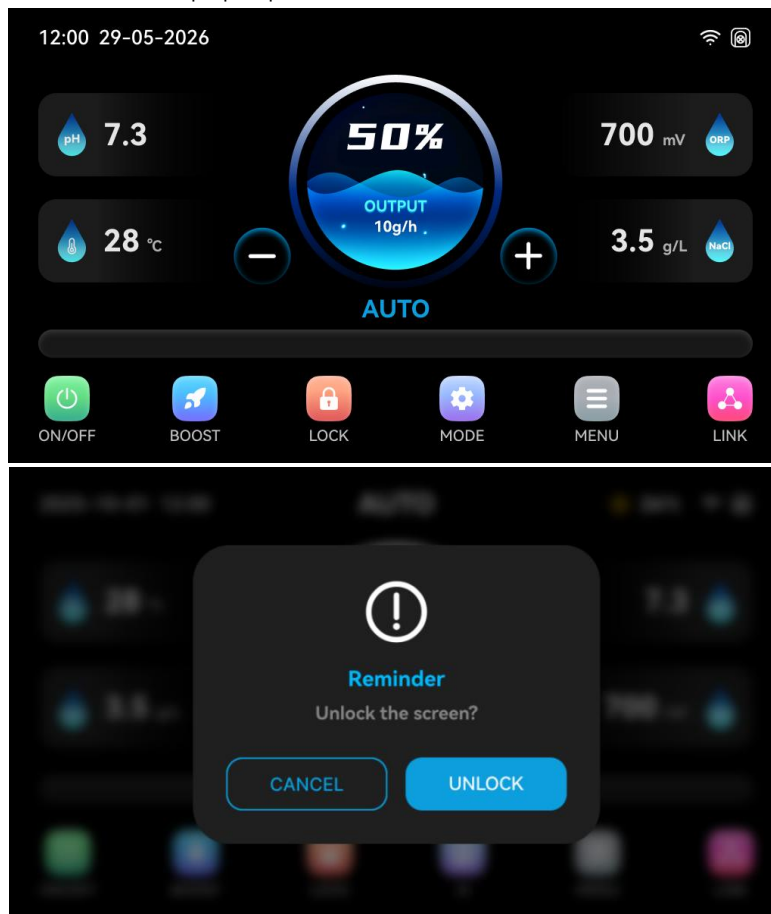
4) When the Pool Cover is closed, the system automatically exits BOOST Mode and starts COVER Mode.

3.3 Lock/Unlock Screen (LOCK/UNLOCK)

1) When the screen is unlocked, on the home screen, short-press the “LOCK” button once to lock the screen.



2) When the screen is locked, on the home screen, short-press the “UNLOCK” button once, then follow the unlock pop-up to unlock it.

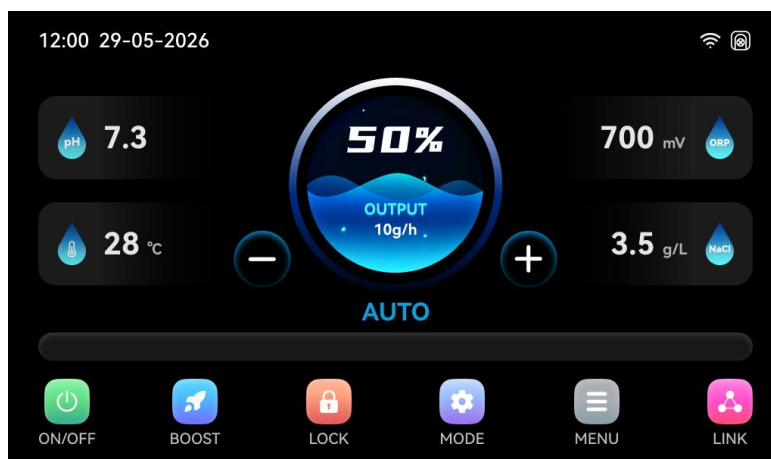


3) If there is no user operation for 15 consecutive minutes, the screen will lock automatically.

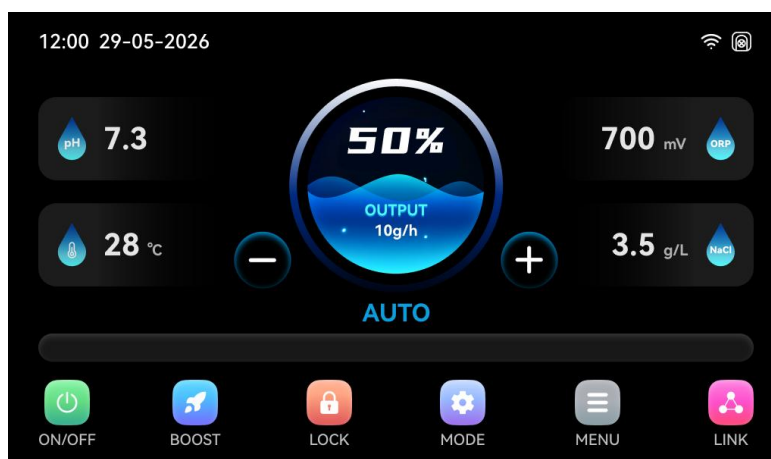
4) After the screen has been locked for 5 minutes, it automatically enters screen-off protection; In screen-off protection state, tap anywhere on the display to cancel screen-off protection.

3.4 Chlorine Generation Mode Settings (MODE)

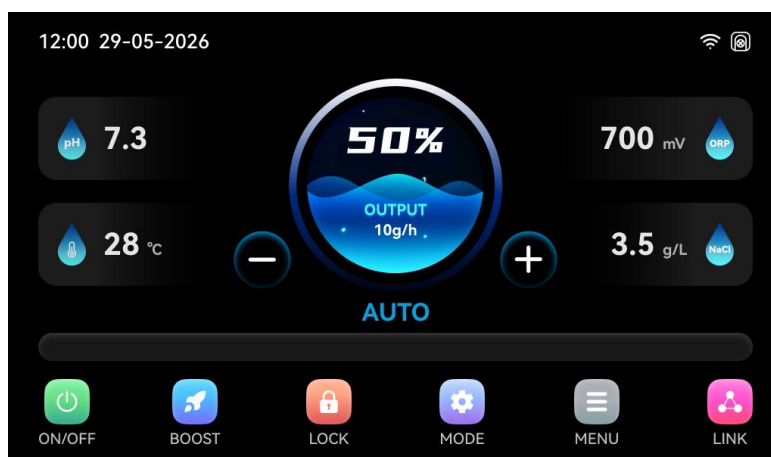
1) On the home screen, short-press the "MODE" button to enter the mode settings screen.



AUTO Mode: Default mode; this mode can be used only when the pH Electrode, ORP Electrode, and Dosing Pump are all equipped.

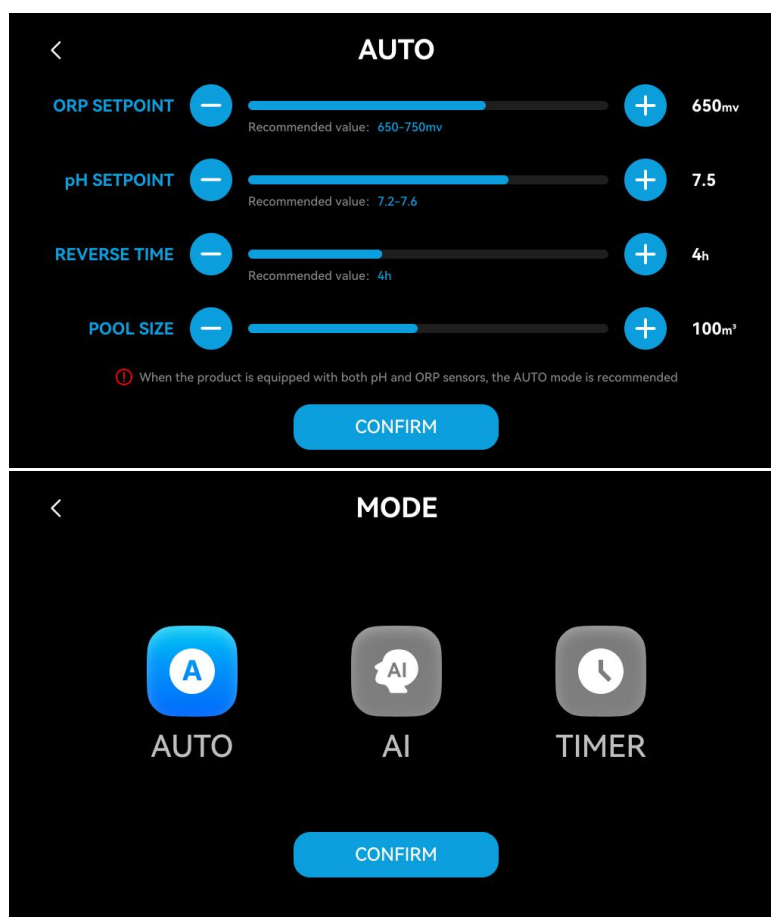


AI Mode: Recommended mode. This mode requires a pH Electrode, ORP Electrode, and Dosing Pump.



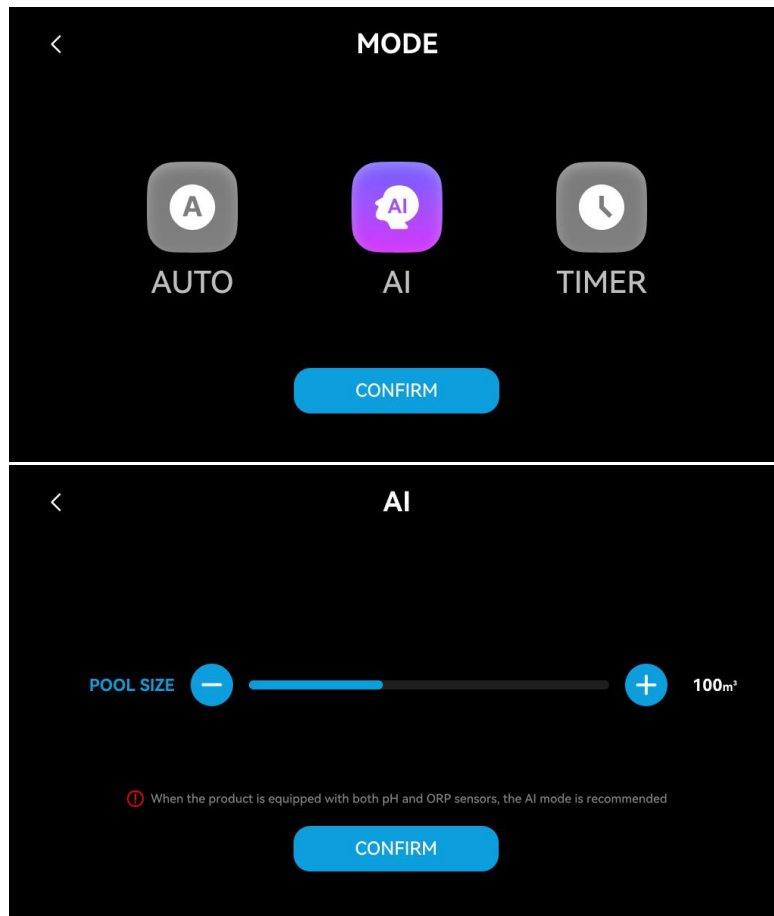
TIMER Mode: This mode can only be used when no pH Electrode, ORP Electrode, or Dosing Pump is equipped.

2) AUTO Mode Settings Screen:



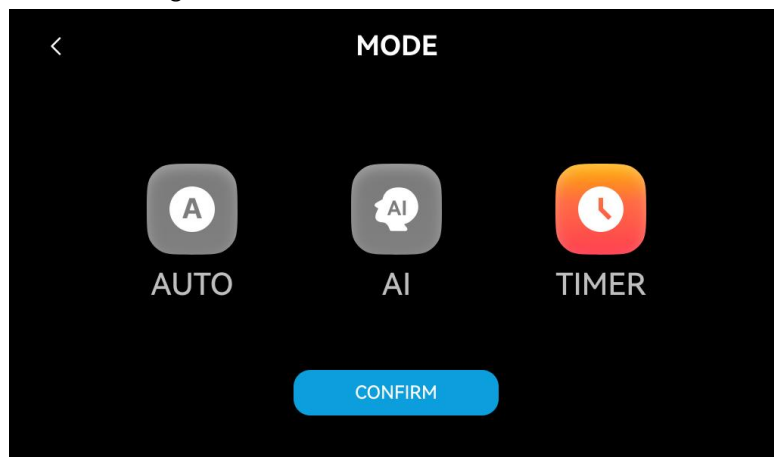
- ① ORP setpoint: adjustable from 600 to 800 mV, in steps of 10, default setting is 650 mV.
- ② pH setting: adjustable from 7.2 to 7.8, in steps of 0.1, default setting is 7.4.
- ③ Polarity reversal time setting: adjustable from 2 to 8 h, in steps of 2, default setting is 4 h.
- ④ Pool size setting: adjustable from 5 to 200 m³, in steps of 1, default setting is 100 m³.

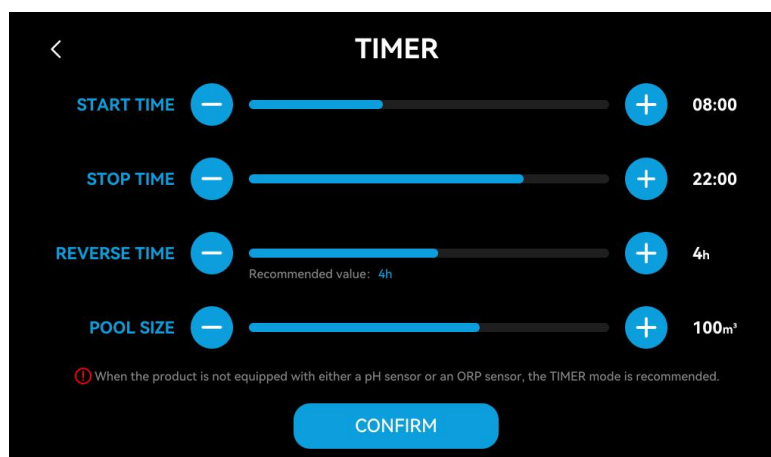
3) AI Mode Settings Screen:



① Pool size setting: adjustable from 5 to 200 m³, in increments of 1, default setting is 100 m³.

4) TIMER Mode settings screen:





① START TIME: adjustable from 00 : 00 to 23 : 59, in increments of 1 min, default setting is 08 : 00.

② STOP TIME: adjustable from 00 : 01 to 24 : 00, in increments of 1 min, default setting is 20 : 00, START TIME < STOP TIME.

③ Polarity reversal time setting: adjustable from 2 to 8 h, in steps of 2, default setting is 4 h.

④ Pool size setting: adjustable from 5 to 200 m³, in steps of 1, default setting is 100 m³.

3.5 Chlorine Generation Mode Settings

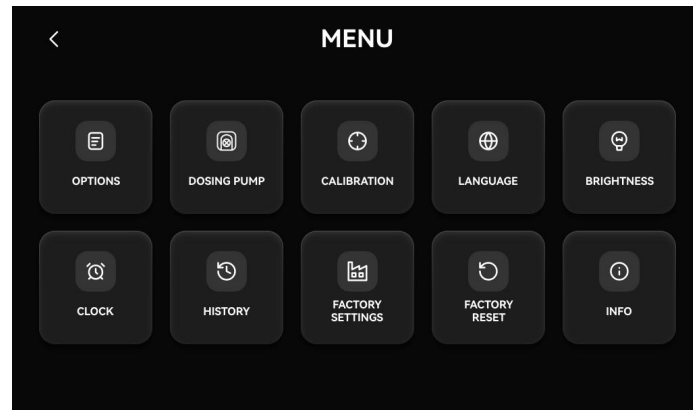
1) In AUTO Mode and TIMER Mode, on the home screen, briefly press the “+” or “-” button to adjust the Chlorine Output Level up or down. The Chlorine Output Level ranges from 25% to 100%, in increments of 25%, with the default setting at 100%.



2) When BOOST Mode, AI Mode, and COVER Mode are running, the Chlorine Output Level adjustment buttons are hidden, and manual adjustment is not allowed.

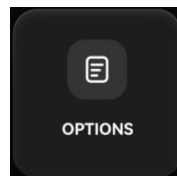
3.6 Menu

When not in the locked-screen state, briefly press the “MENU” button once on the home page to enter the menu selection settings interface. There are 10 selection menus in total: OPTIONS, DOSING PUMP, CALIBRATION, LANGUAGE, BRIGHTNESS, CLOCK, HISTORY, FACTORY SETTINGS, FACTORY RESET, and INFO.

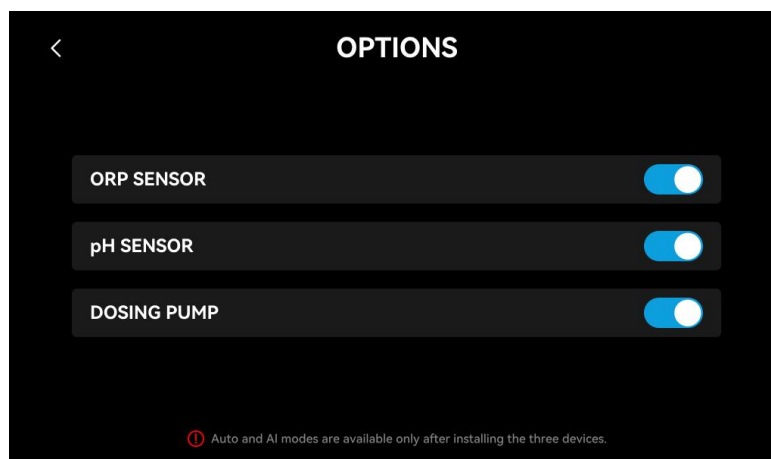


3.6.1 Option Settings (OPTIONS)

On the menu interface, briefly press “OPTIONS” once to enter the option settings interface.

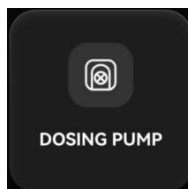


- ① By default, ORP SENSOR, pH SENSOR, and DOSING PUMP are all enabled.
- ② Before enabling AUTO Mode and AI Mode, ORP SENSOR, pH SENSOR, and DOSING PUMP must all be enabled.
- ③ When enabling TIMER Mode, ORP SENSOR, pH SENSOR, and DOSING PUMP can be disabled.



3.6.2 Dosing Pump

On the menu screen, short-press the “DOSING PUMP” icon once to enter the Dosing Pump settings screen.

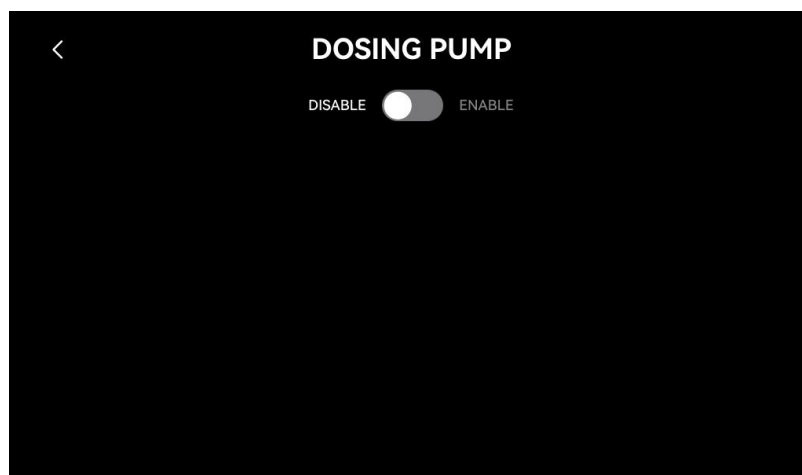


DOSING PUMP is set to ENABLE by default, and the Dosing Pump will automatically add acid to adjust the pH value of the pool water.

When DOSING PUMP is set to DISABLE, the Dosing Pump is prohibited from adding acid, and the pH of the pool water is not controlled.

When there is a no water flow alarm, operation of the Dosing Pump is prohibited.

Dosing Pump disabled state:



1) SETTING:

①The acid tank capacity is adjustable from 5 to 200 L, with a step of 5, and the default setting is 20 L;

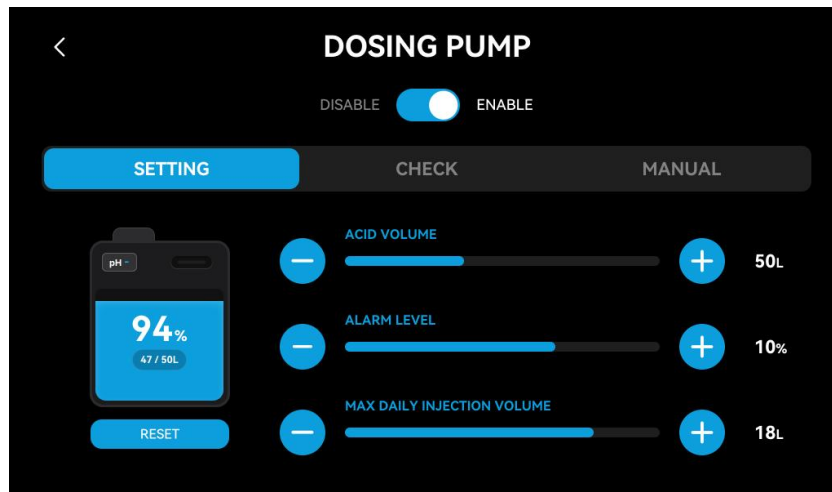
②The low-level alarm threshold for the acid tank is adjustable from 5 to 20%, with a step of 5%, and the default setting is 10%;

③The Daily Maximum Acid Dose setting range is 1–20 L, with a step of 0.5, and the default setting is 20 L;

④When the pH detected value $\geq$ pH set value + 0.1, the Dosing Pump runs for 15s and stops for 345s;

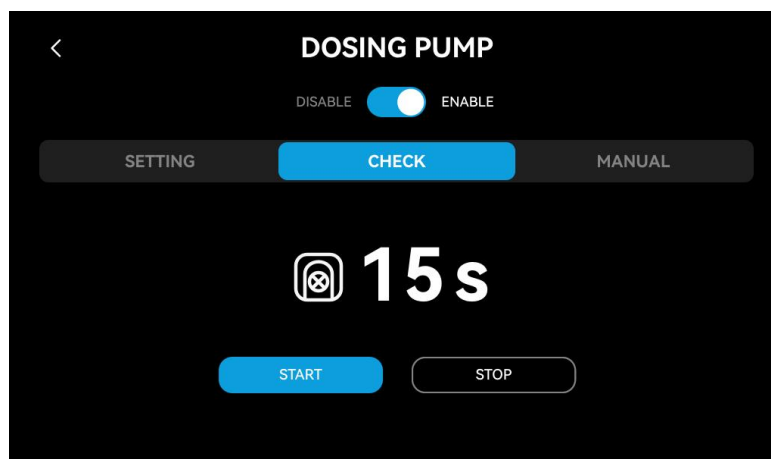
⑤When the accumulated Acid Dose for the day reaches the Daily Maximum Acid Dose threshold, further acid dosing is prohibited;

⑥Tap “RESET” to reset the acid tank capacity, restoring it to the acid tank capacity setting value and 100%.



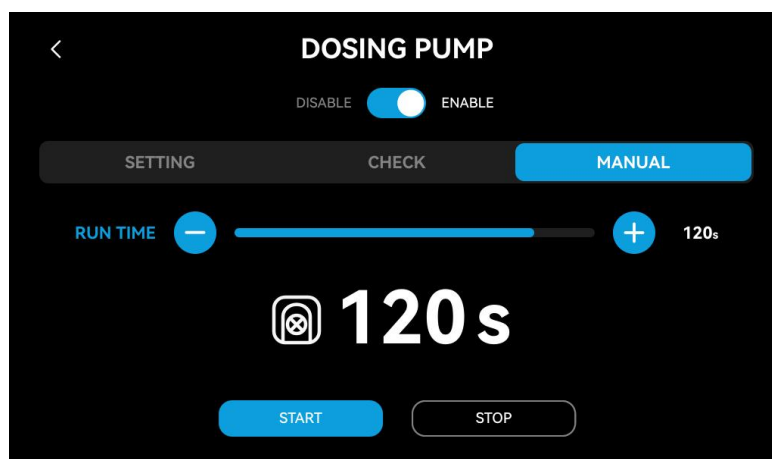
2) CHECK:

It can be used to check whether the Dosing Pump is operating normally. Press the “START” button once briefly, and the Dosing Pump will operate with a 15s countdown, with the Dosing Pump icon flashing; press the “STOP” button once briefly, and the Dosing Pump will stop.



3) MANUAL:

Can be used to manually control acid dosing or other water treatment reagents. The manual acid dosing time is adjustable from 10 to 120 s, in steps of 10, with the default setting of 120 s.



3.6.3 Calibration

On the menu selection screen, short-press the “CALIBRATION” icon to enter the electrode calibration screen; Then select the sensor to be calibrated (e.g., pH SENSOR), and then proceed to select the required calibration method (e.g., pH Calibration or pH Correction.). The user must perform calibration strictly according to the product’s calibration prompts to ensure successful calibration.



Sensor Type	Calibration Method	Calibration Technique and Standard Solution
pH SENSOR	pH Calibration	Single-point calibration: use pH 7.0 standard solution for calibration.
	pH Correction	For non-standard solution calibration, the current pH value of the solution must be known.
ORP SENSOR	ORP Calibration	Single-point calibration: Use ORP 468 mV standard solution for calibration.
	ORP Correction	For non-standard solution calibration, the current ORP value of the solution must be known.

1) pH Calibration

<

CALIBRATION

pH SENSOR

ORP SENSOR

pH CALIBRATION

pH CORRECTION

CONFIRM

<

pH CALIBRATION

· Calibrate the pH sensor using the standard solution

1.Clean the pH sensor with pure water.

2.Insert the probe of the pH sensor into the pH 7.01 standard solution.

3.Click "CONFIRM" to start calibration.

CONFIRM

3:00

CAL pH 7.01

Calibrating.
Do not move the probe.

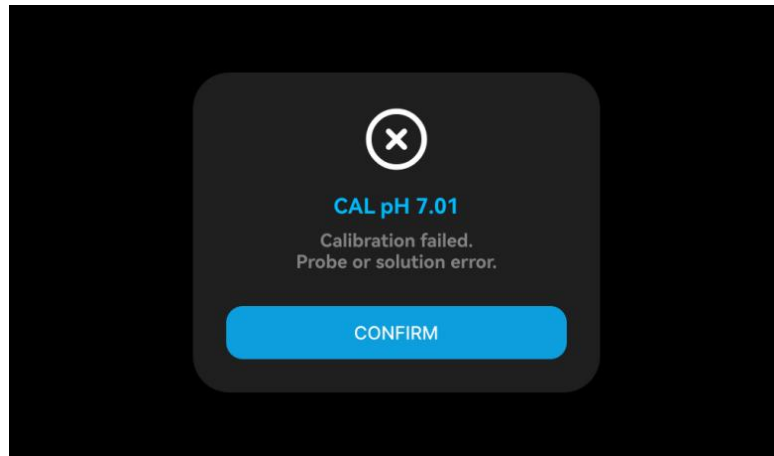
CANCEL

✓

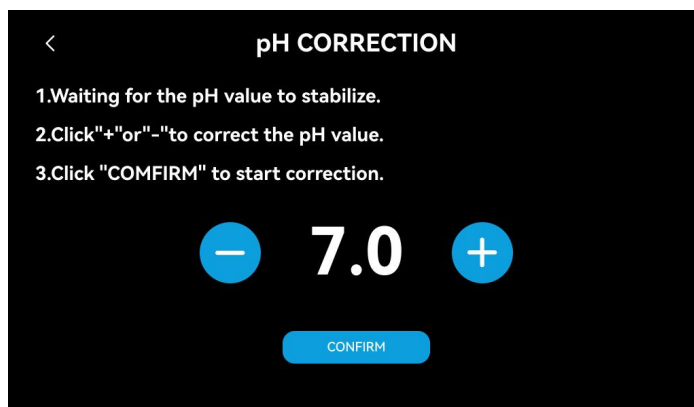
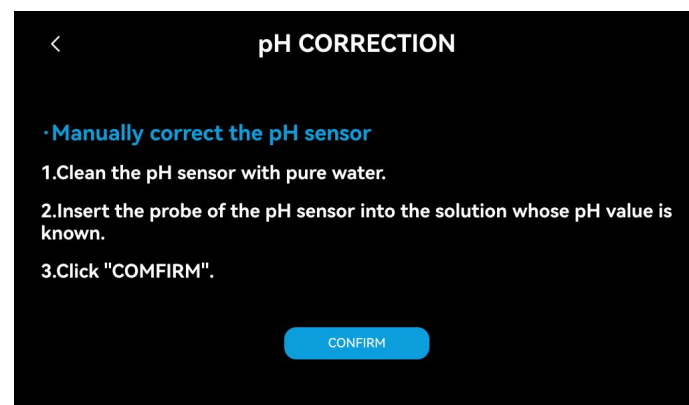
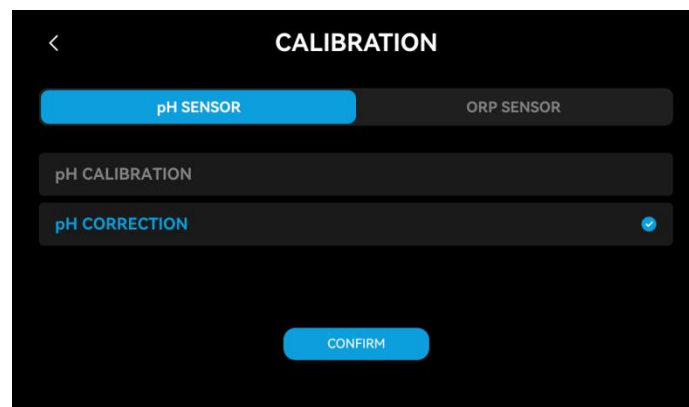
CAL pH 7.01

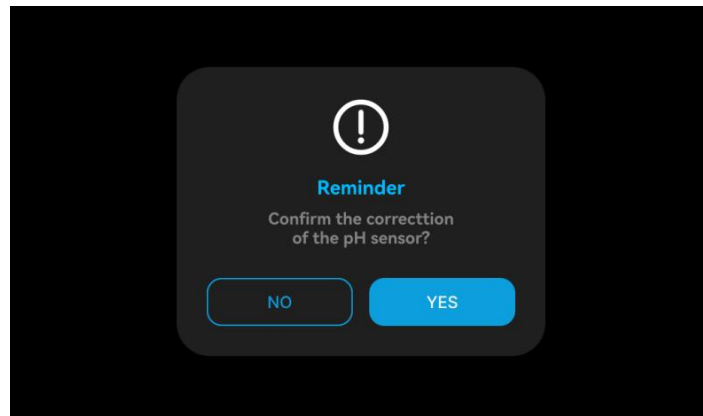
Calibration successful!
The probe is now ready for use.

CONFIRM

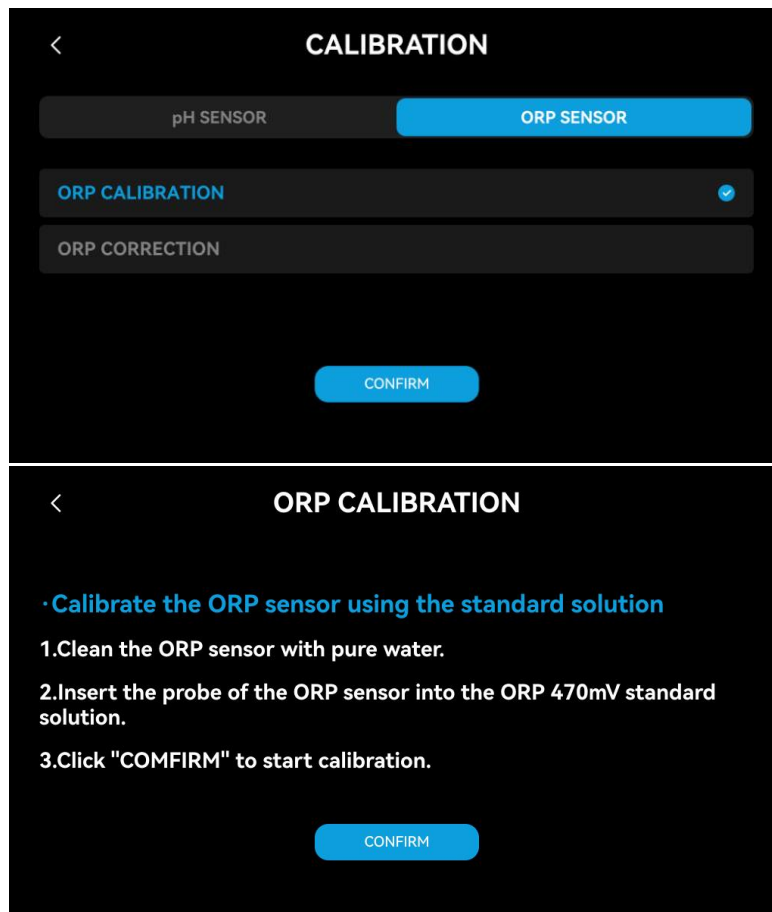


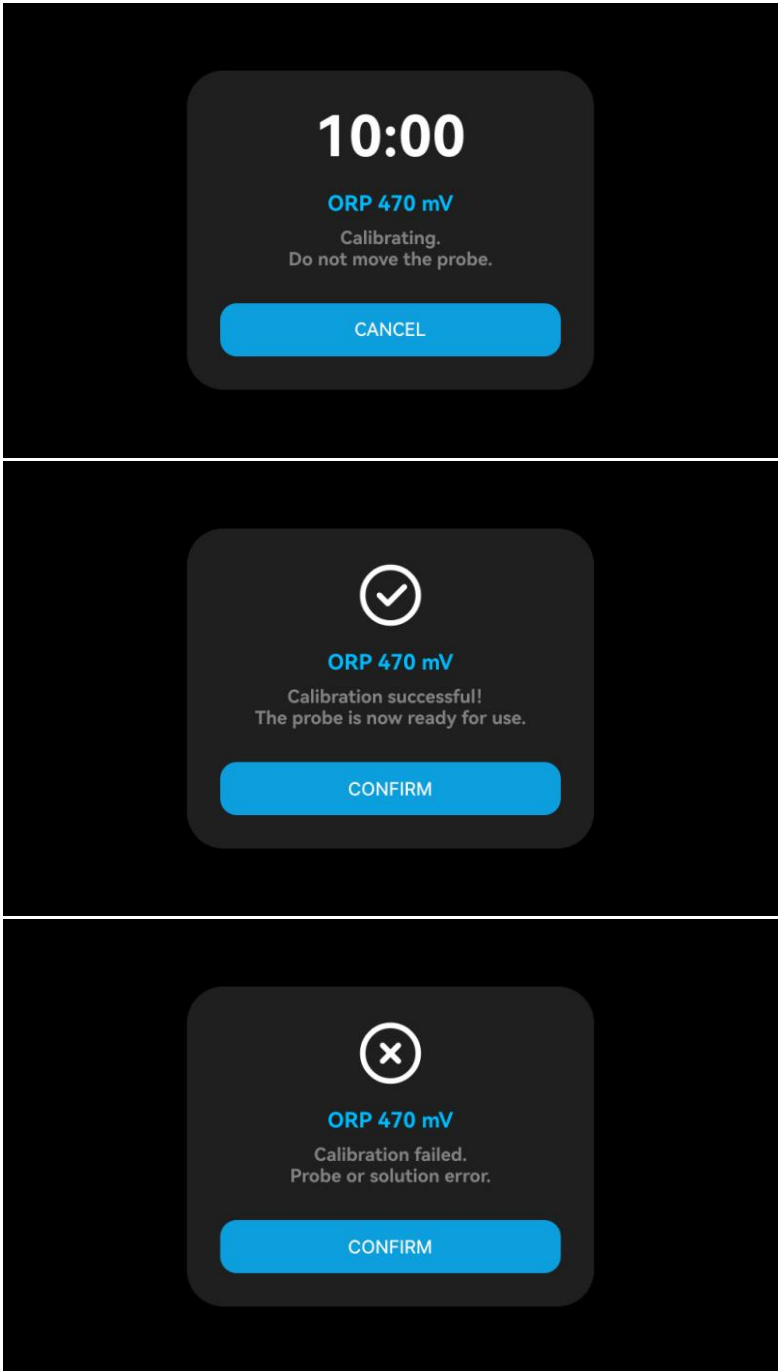
2) pH Correction:



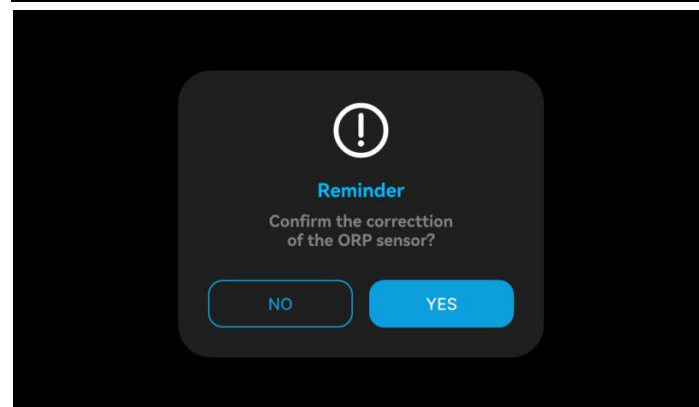
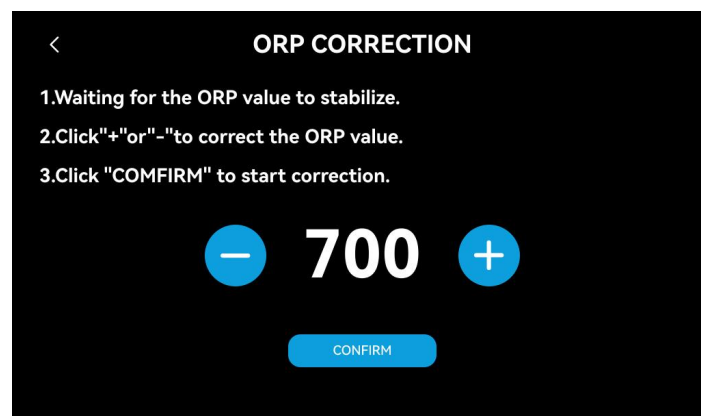
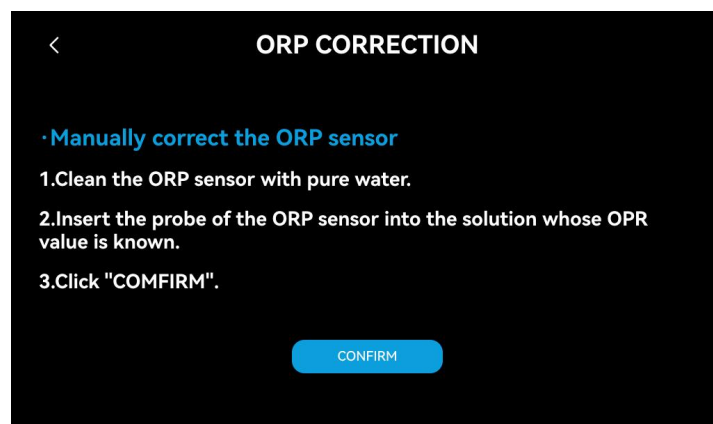
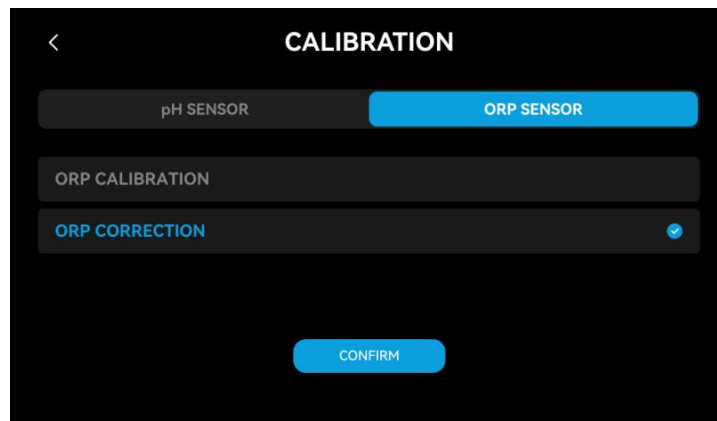


3) ORP Calibration:



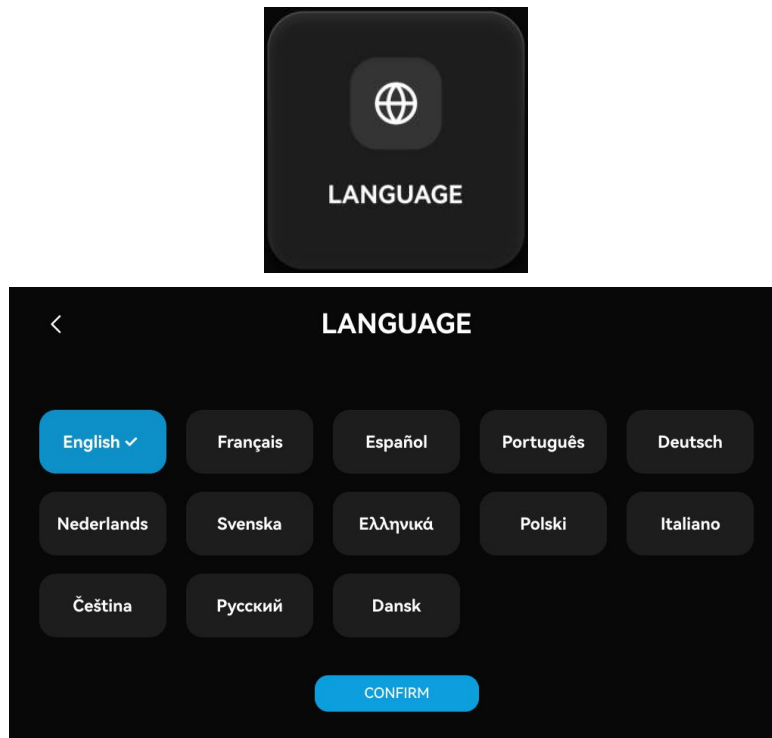


4) ORP Correction:



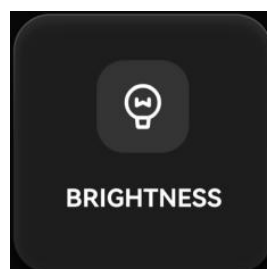
3.6.4 Language

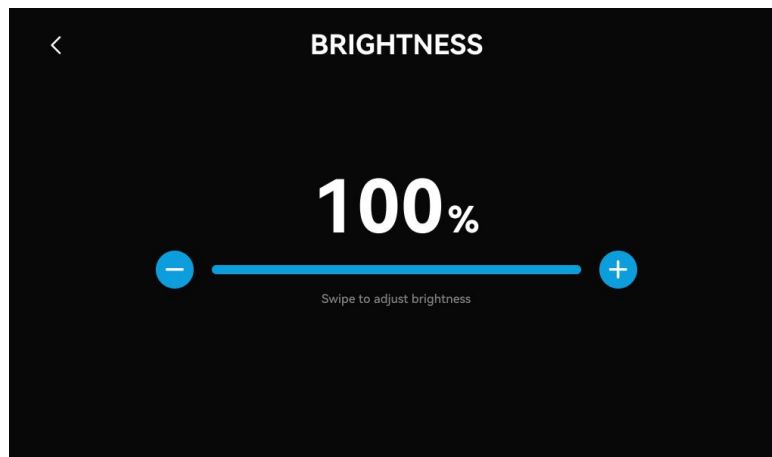
On the menu selection screen, short-press the “LANGUAGE” icon to enter the multilingual selection settings screen. Users can set the desired language according to their personal preferences. The factory default language is English.



3.6.5 Brightness

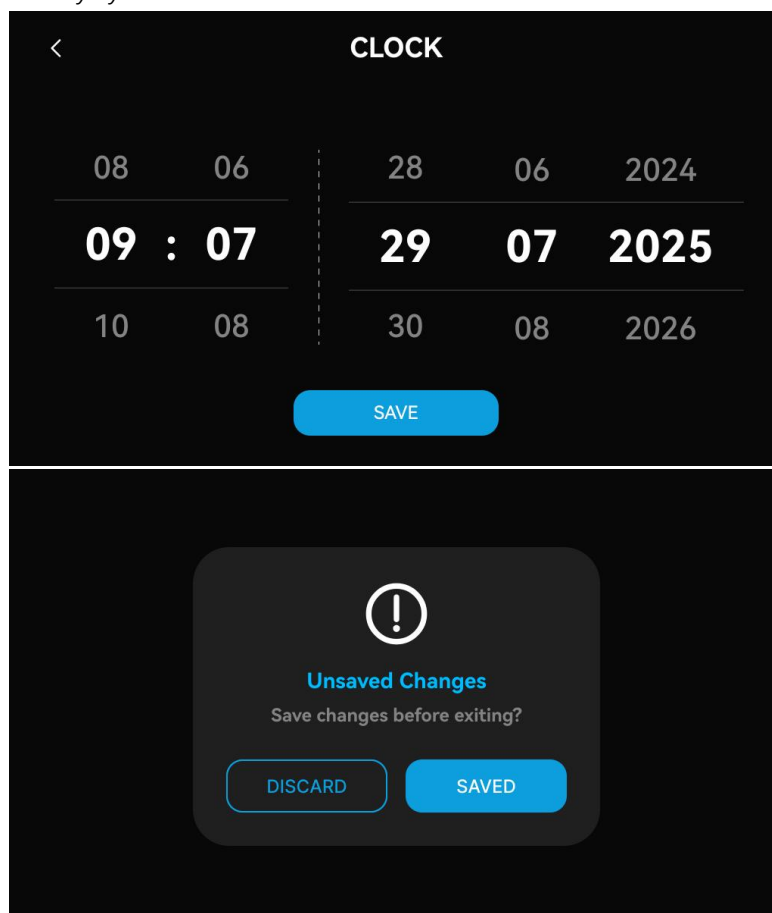
On the menu selection screen, short-press the “ **BRIGHTNESS** ” icon to enter the display settings screen. The display brightness is adjustable from 50% to 100% in 50% increments. The factory default is 100%.





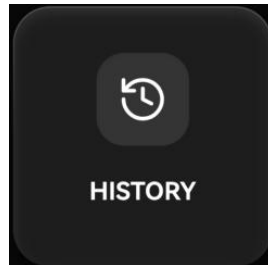
3.6.6 Clock

On the menu selection screen, tap the “CLOCK” icon to enter the clock settings screen. Users can set the local time as needed; after the device is connected to the network, the local time is automatically synchronized.

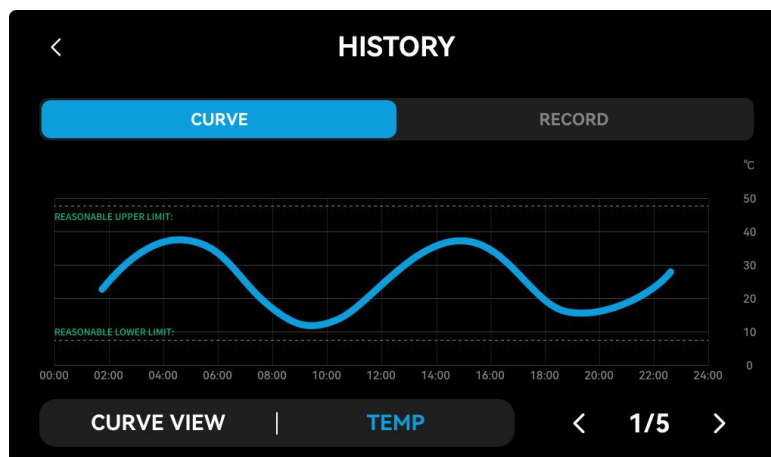


3.6.7 History

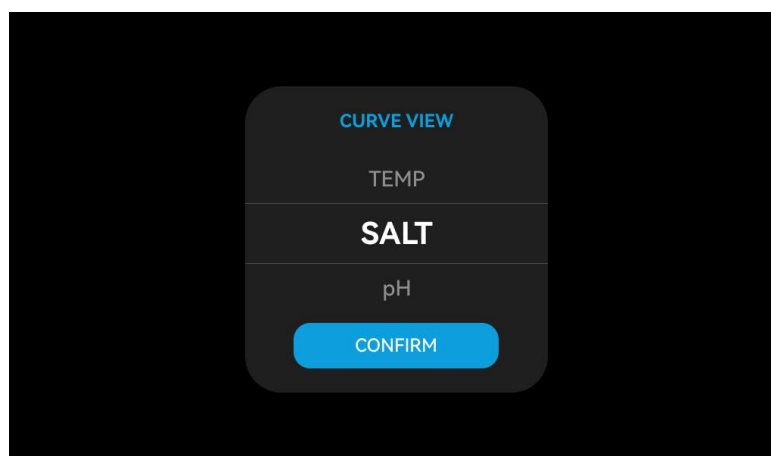
On the menu selection screen, tap the “HISTORY” icon to enter the history query screen. On the history screen, you can view historical data curves and historical records.

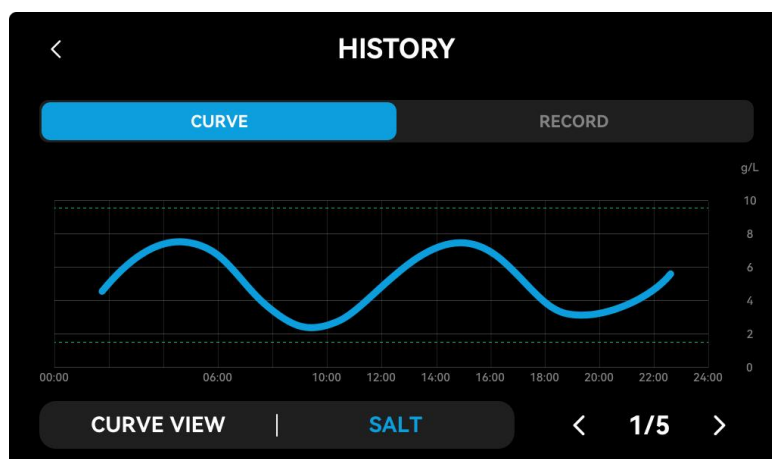


Historical data curves: You can view curves from the last 30 days; You can select to view curves for water temperature (TEMP), salinity (SALT), pH, ORP, energy consumption (ENERGY), Chlorine Output (Chlorine), and Acid Dose (ACID).

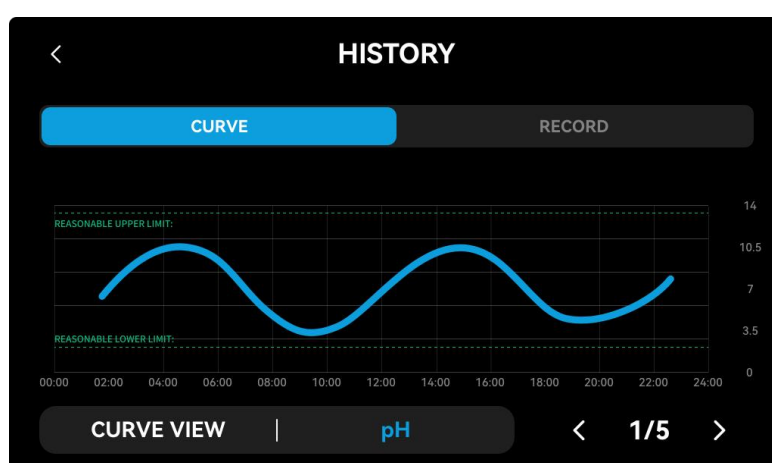


Water Temperature History Curve: display range 0–60°C, normal range 15–45°C.

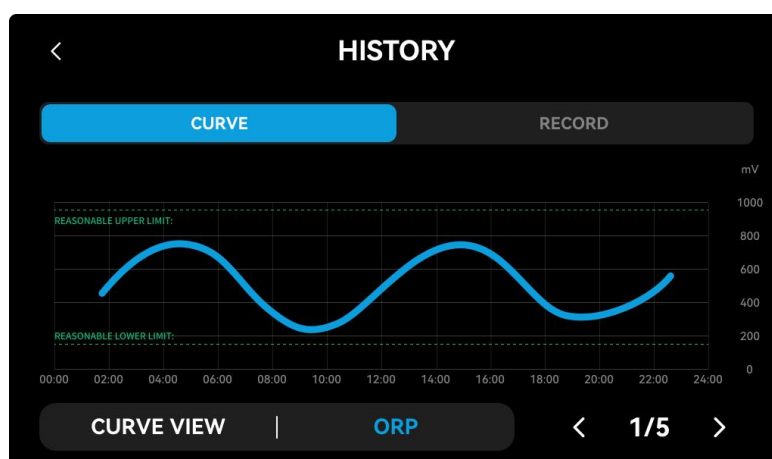




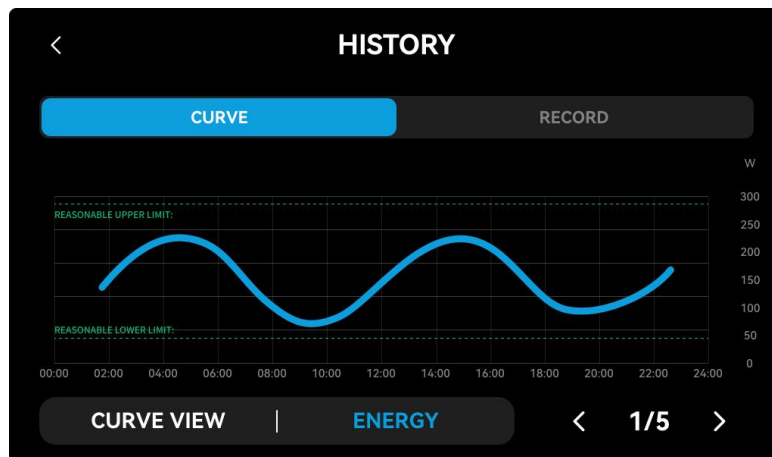
Salinity Curve: display range 0.0–9.9 g/L, normal range for low-salt version 1.0–5.0 g/h.



pH History Curve: display range 4.0–10.0, normal range 6.8–7.8.



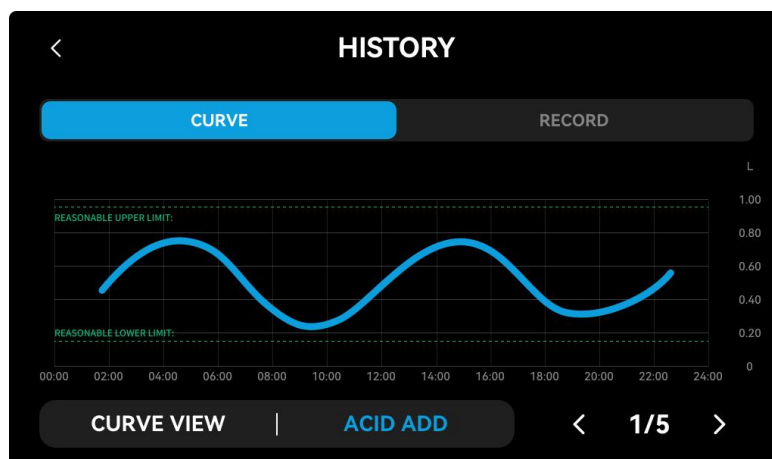
ORP History Curve: display range 0–999 mV, normal range 600–800 mV.



Energy Consumption History Curve: display range 0–300 W.



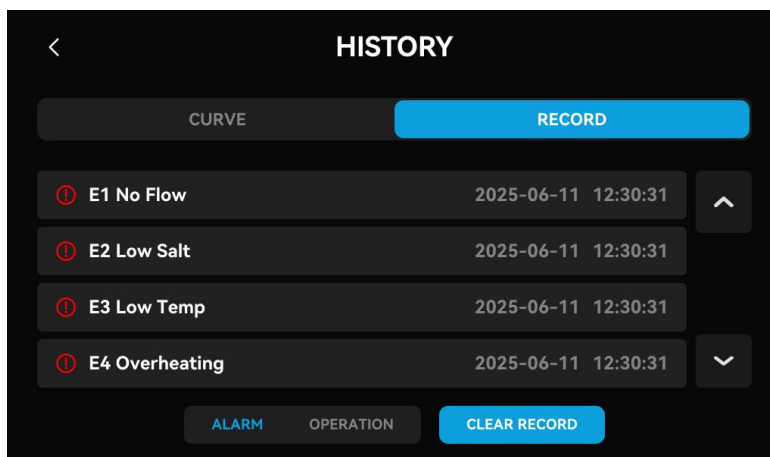
Chlorine Output History Curve: display range 0–50 g.



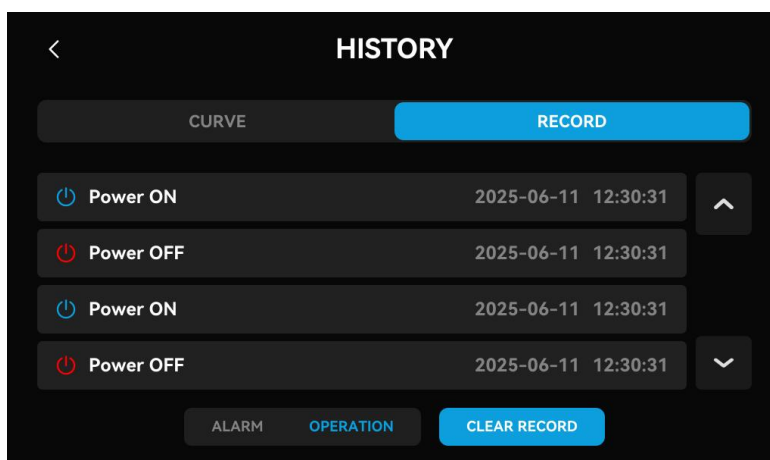
Acid Dose History Curve: display range 0.00–1.00 L.

You can choose to view the 50 most recent historical alarm records and operation records.

Alarm Records:



Operation Records:

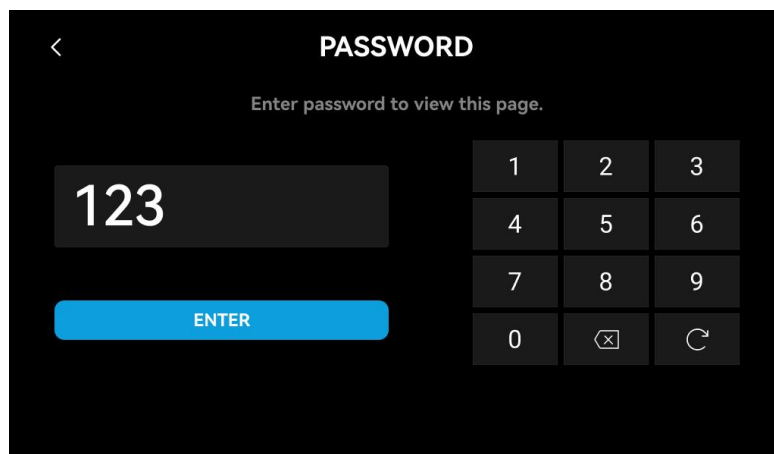
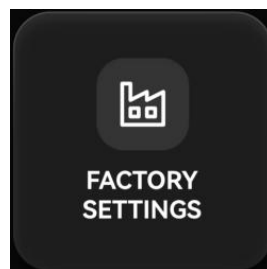


No.	Key Operation Record Content
1	Power ON
2	Power OFF
3	BOOST
4	EXIT BOOST
5	LOCK
6	UNLOCK
7	MODE : AUTO
8	MODE : AI
9	MODE: TIMER
10	pH SENSOR : ENABLE
11	pH SENSOR : DISABLE
12	ORP SENSOR : ENABLE
13	ORP SENSOR : DISABLE
14	DOSING PUMP: ENABLE
15	DOSING PUMP: DISABLE
16	Calibrate the pH sensor
17	Correct the pH sensor
18	Calibrate the ORP sensor
19	Correct the pH sensor

20	FACTORY RESET
21	CLEAR RECORD
22	Modify acid tank volume
23	Modify acid tank low-level alarm threshold
24	Modify max daily acid addition volume
25	Reset acid tank volume
26	WATER PUMP: DISABLE
27	WATER PUMP: ENABLE
28	HEAT PUMP: ON
29	HEAT PUMP: OFF
30	LIGHT: DISABLE
31	LIGHT: ENABLE
32	POOL COVER: DISABLE
33	POOL COVER: ENABLE
34	UV: DISABLE
35	UV: ENABLE
36	BACKWASH: DISABLE
37	BACKWASH: ENABLE
39	CELL: Reset lifetime
40	DOSING PUMP: Reset lifetime

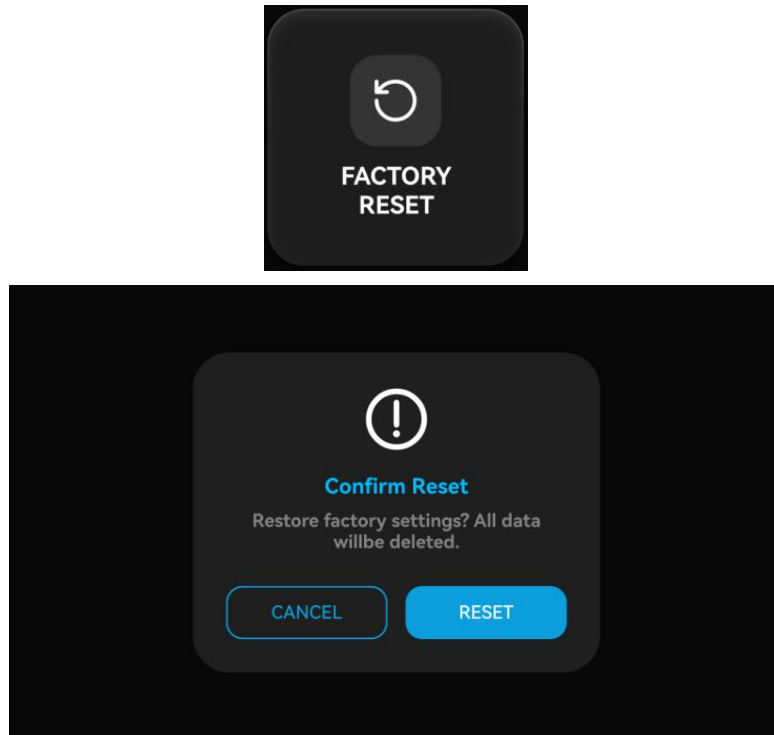
3.6.8 Factory Settings

On the menu screen, briefly press the “ **FACTORY SETTINGS** ” icon, then enter the password (****) in the pop-up window to access the factory settings screen. The factory settings feature is not available to users.



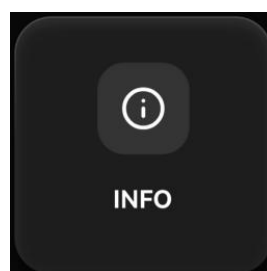
3.6.9 Factory Reset

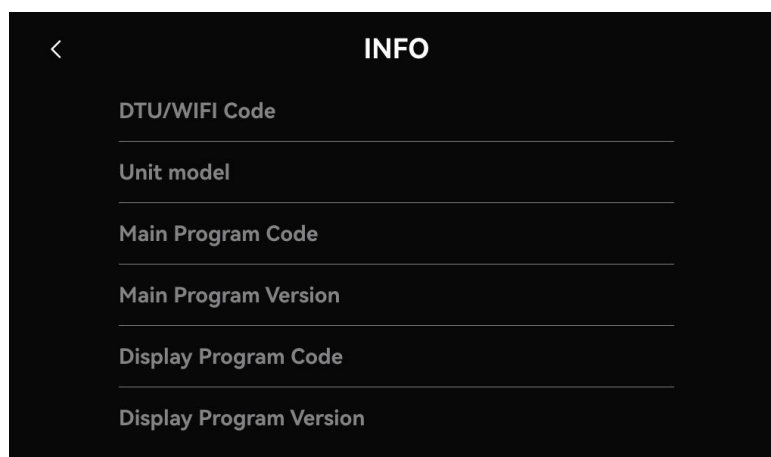
On the menu screen, briefly press the “ **FACTORY RESET** ” icon, then tap “RESET” in the pop-up window to restore the default factory settings.



3.6.10 Information

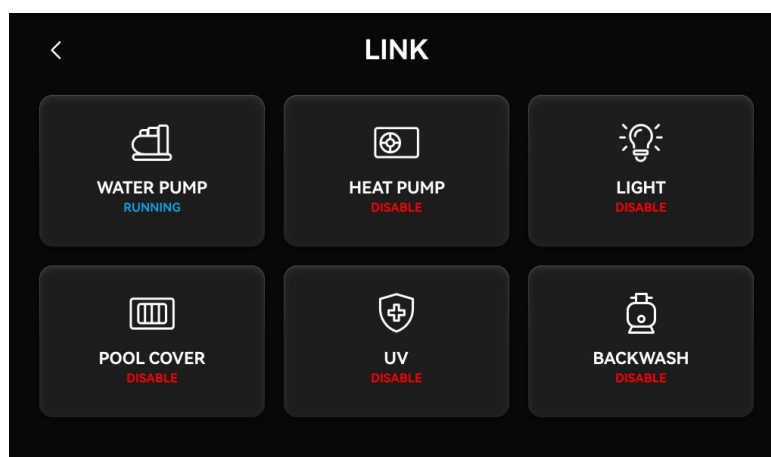
On the menu interface, tap the “ **INFO** ” icon to enter the product information interface.





3.7 Equipment Interlock (LINK)

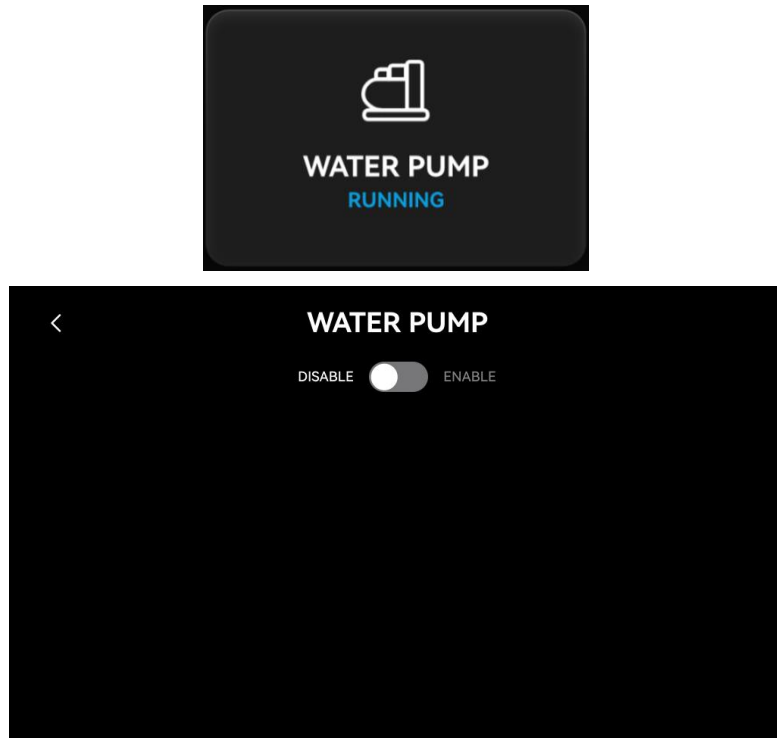
When the screen is not locked, tap the “LINK” button on the home page to enter the Equipment Interlock selection settings interface. It supports Equipment Interlock for 6 types of equipment simultaneously: WATER PUMP, HEAT PUMP, POOL COVER, UV, and BACKWASH.



3.7.1 Water Pump

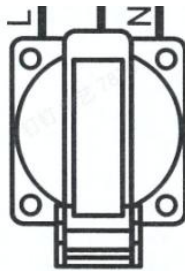
On the LINK Interface, tap the “WATER PUMP” icon to enter the water pump interlock settings interface. The water pump can be set to ENABLE or DISABLE. The factory default setting is DISABLE. When enabled, the Salt Chlorinator can control the operation of the water pump; when disabled, the Salt Chlorinator cannot control the operation of the water pump.

Under the “WATER PUMP” icon, red text reading “DISABLE” indicates that the water pump interlock function is disabled; orange text reading “STOP” indicates that the water pump is stopped; blue text reading “RUNNING” indicates that the water pump is running.



3.7.1.1 Single-Speed Pump (SS PUMP)

The power plug of the Single-Speed Pump is plugged directly into the AC output socket of the Salt Chlorinator, as shown in the figure below.



The Salt Chlorinator uses an internal relay to control whether power is output to the AC socket, thereby controlling the start and stop of the Single-Speed Pump. The AC output socket only supports Single-Speed Pumps with a power rating not exceeding 1.5 kw (if the power supply of the Single-Speed Pump is AC100-110V, the maximum power must not exceed 0.75kw.).

- ① Supports three Timers to control the start and stop of the Single-Speed Pump.
- ② The start and stop time setting range for the Single-Speed Pump is 00:00-23:59, in increments of 1 min.

③ 00:00≤TIMER1 ON < TIMER1 OFF < TIMER2 ON < TIMER2 OFF < TIMER3 ON < TIMER3 OFF≤23:59。

The screenshot displays the 'WATER PUMP' control interface. At the top, there is a toggle switch for 'DISABLE' and 'ENABLE', with the 'ENABLE' option selected. Below this, a horizontal bar shows 'PUMP' and 'SS PUMP'. The main section lists three timers with their 'ON' and 'OFF' times:

TIMER	ON	OFF
TIMER1	06:15	07:15
TIMER2	07:15	09:15
TIMER3	08:15	10:15

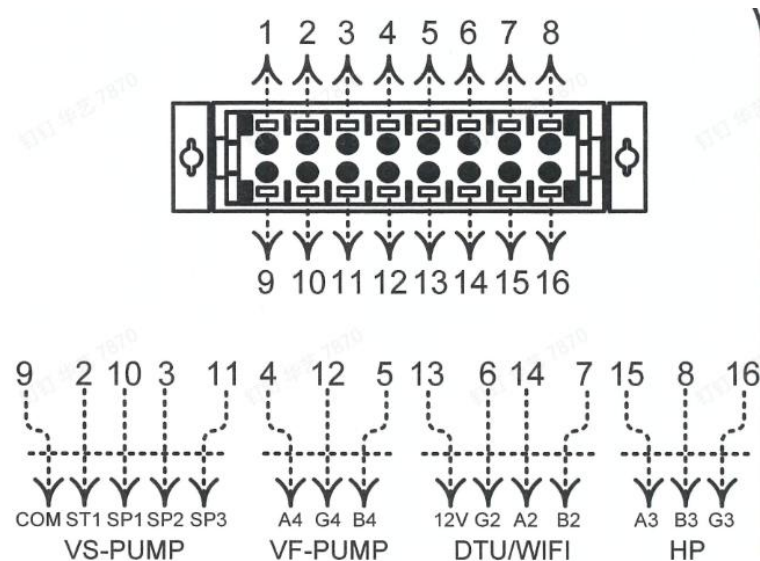
Below the timer list, a detailed view for 'TIMER1' is shown. It includes a table for 'ON' and 'OFF' times with 'Hour' and 'Minute' columns:

ON		OFF	
Hour	Minute	Hour	Minute
06	00	15	29
07	: 30	16	: 30
08	31	17	31

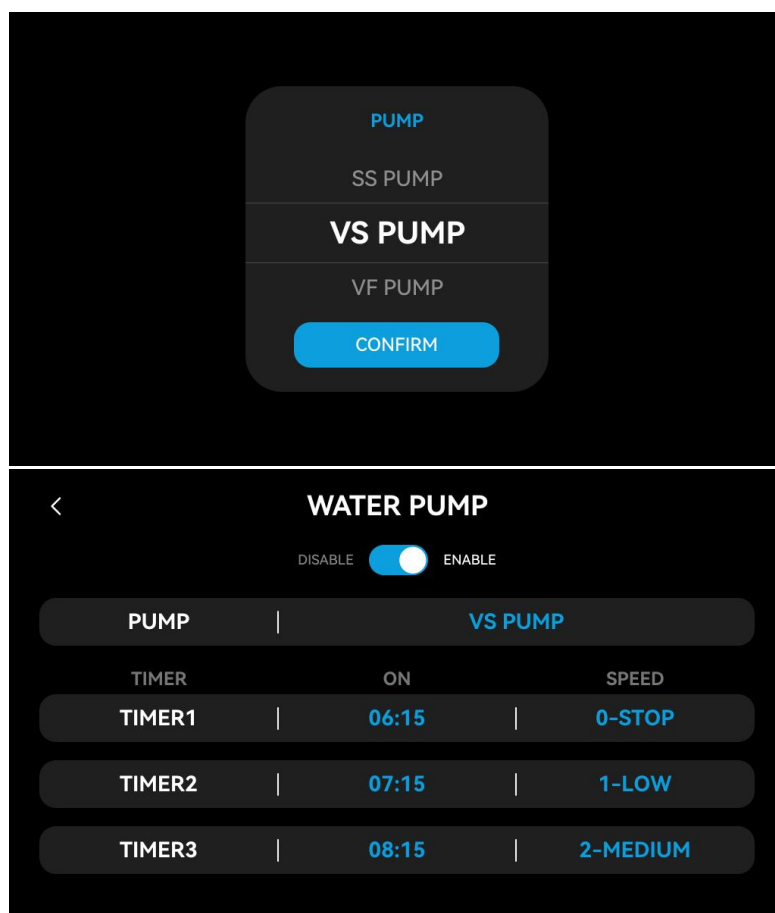
At the bottom of the 'TIMER1' view, there are 'CANCEL' and 'CONFIRM' buttons.

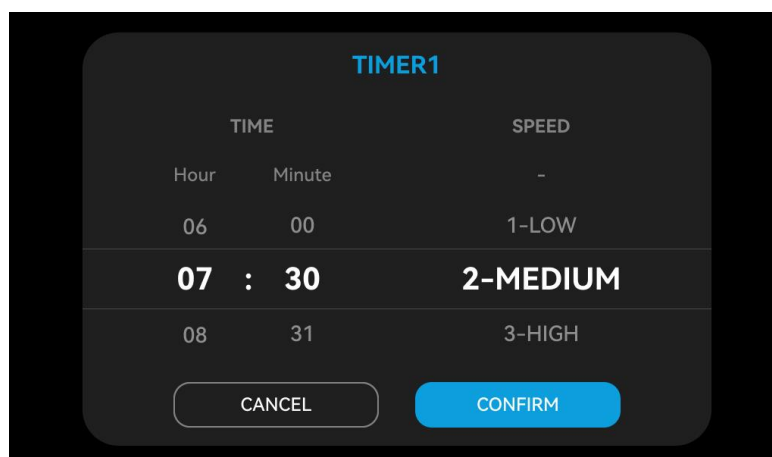
3.7.1.2 Variable-Speed Pump (VS PUMP)

The Salt Chlorinator can control the operation of the Variable-Speed Pump. The power plug of the Variable-Speed Pump is connected to the mains outlet, and the communication cable of the Variable-Speed Pump is connected to the 16-pin Quick-Connect Terminal of the Salt Chlorinator. For connecting the Variable-Speed Pump communication cable, refer to the figure below and the Variable-Speed Pump manual.



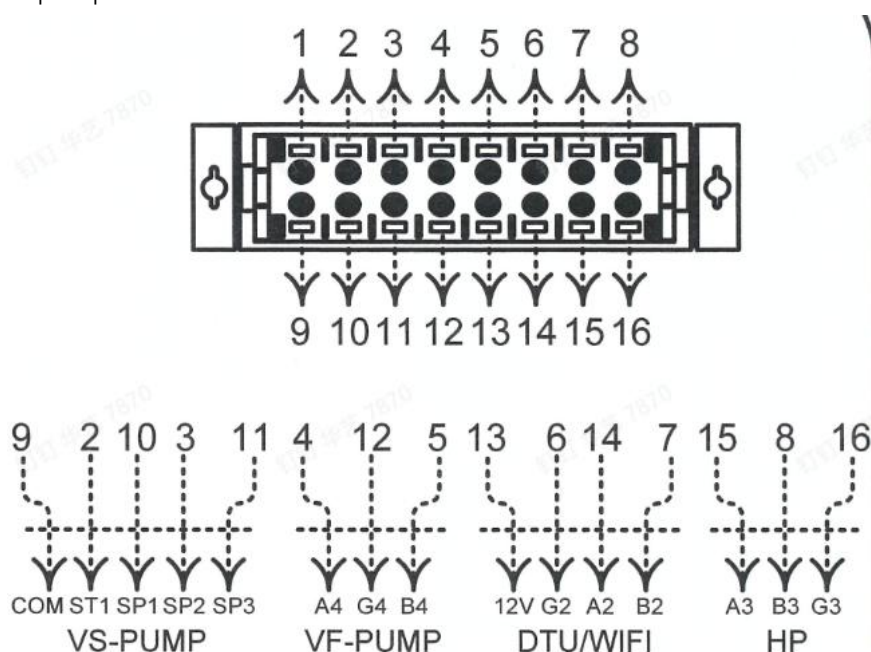
- ① Supports three Timers to control the operation of the Variable-Speed Pump.
- ② The time setting range for the Variable-Speed Pump is 00:00-23:59, in increments of 1 min.
- ③ $00:00 \leq \text{TIMER1} < \text{TIMER2} < \text{TIMER3} \leq 23:59$.
- ④ The speed of the Variable-Speed Pump can be set to 0-STOP, 1-LOW, 2-MEDIUM, and 3-HIGH.





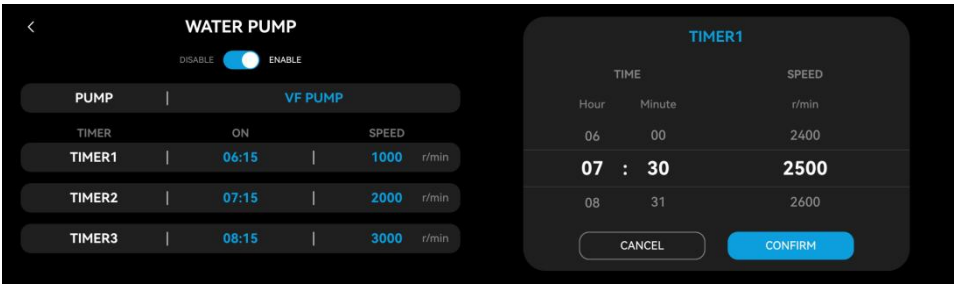
3.7.1.3 Variable-Frequency Pump (VF PUMP)

The Salt Chlorinator can control the operation of the Variable-Frequency Pump via RS485 Communication. The power plug of the Variable-Frequency Pump is connected to the mains power outlet, and the RS485 Communication cable of the Variable-Frequency Pump is connected to terminals 4, 5, and 12 on the 16-position terminal block of the Salt Chlorinator. For the Variable-Frequency Pump communication cable connection, refer to the figure below and the pump manual.



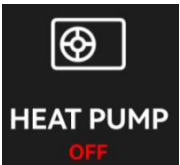
- ① Three Timers can be supported to control the operation of the Variable-Frequency Pump;
- ② The time setting range of the Variable-Frequency Pump is 00:00-23:59, with a step of 1 min;
- ③ $00:00 \leq \text{TIMER1} < \text{TIMER2} < \text{TIMER3} \leq 23:59$;
- ④ The speed setting range of the Variable-Frequency Pump is 0-3000 r/min, with a

step of 100, and the default speed is set to 0 r/min.

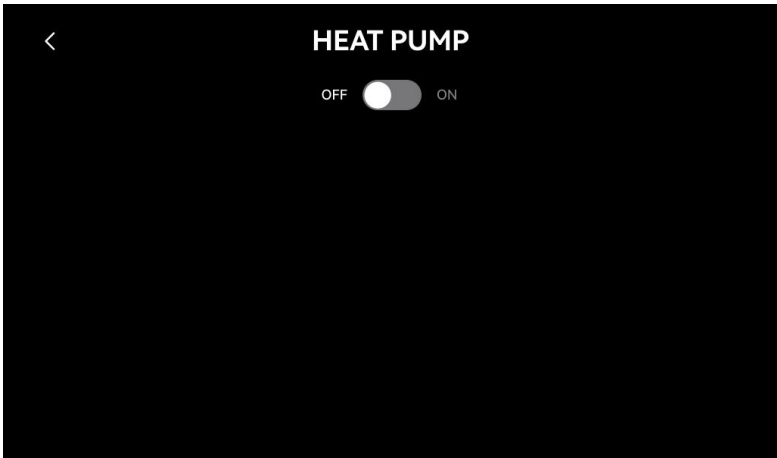


3.7.2 Heat Pump

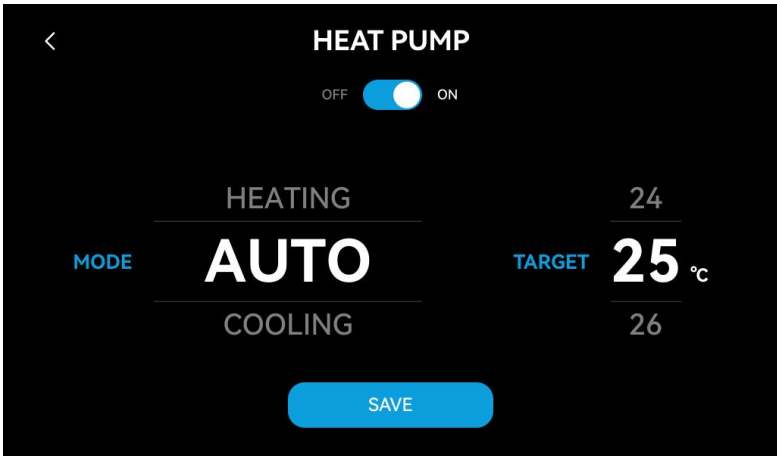
On the LINK Interface, short press the “HEAT PUMP” icon to enter the Heat Pump linkage settings interface. The Heat Pump can be set to either ON or OFF. The factory default setting is OFF. Under the “HEAT PUMP” icon, the red text “OFF” indicates that the Heat Pump is turned off; The blue text “RUNNING” indicates that the Heat Pump is operating.



Pool Heat Pump OFF state:

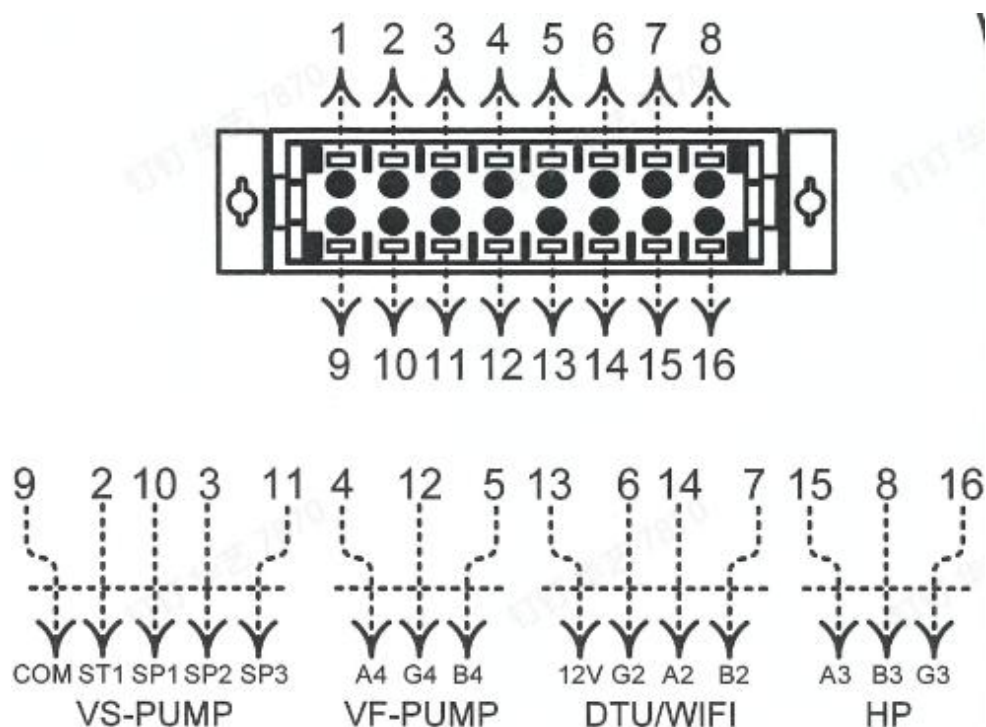


Pool Heat Pump ON state:



After the Heat Pump is powered on, the Salt Chlorinator can control the operation of the Heat Pump via RS485 Communication. The Heat Pump has three operating modes: HEATING, AUTO, and COOLING. The default mode of the Heat Pump is AUTO, and the default target temperature is 28°C. Connect the Heat Pump RS485 Communication wires respectively to terminals 8, 15, and 16 on the 16-position Quick-Connect Terminal of the Salt Chlorinator Controller. For the Heat Pump communication wire connection, refer to the diagram below and the Heat Pump manual.

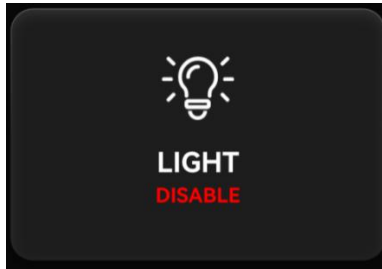
See the diagram below for details.



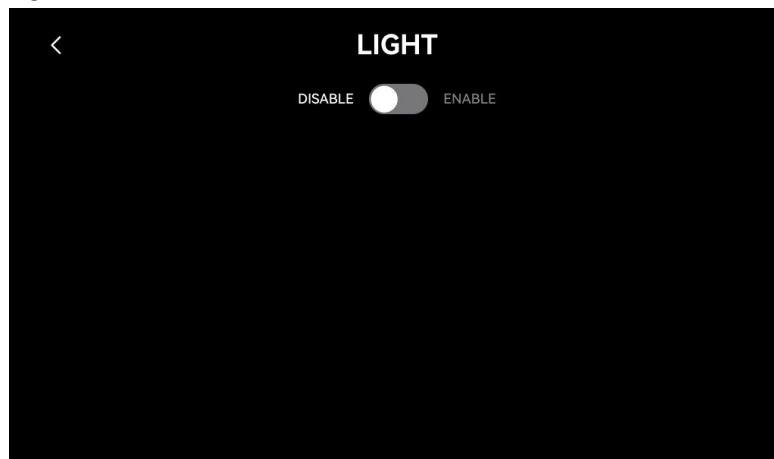
3.7.3 Pool Light

On the LINK Interface, short-press the “LIGHT” icon to enter the Pool Light linkage setting interface. The Pool Light can be set to either ENABLE or DISABLE. The factory default setting is disabled. In the enabled state, the Salt Chlorinator can control the operation of the Pool Light; in the disabled state, the Salt Chlorinator cannot control the operation of the Pool Light.

Under the “LIGHT” icon, red text “DISABLE” indicates that the Pool Light linkage function is disabled; orange text “OFF” indicates that the Pool Light is off; blue text “ON” indicates that the Pool Light is on.

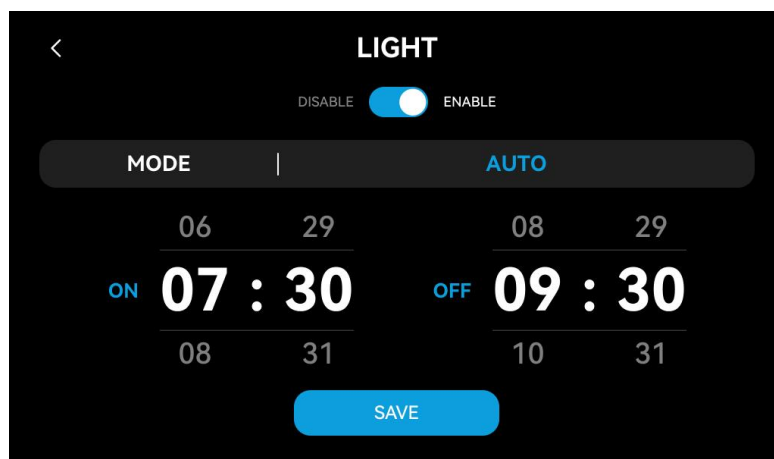


Pool Light linkage disabled status:

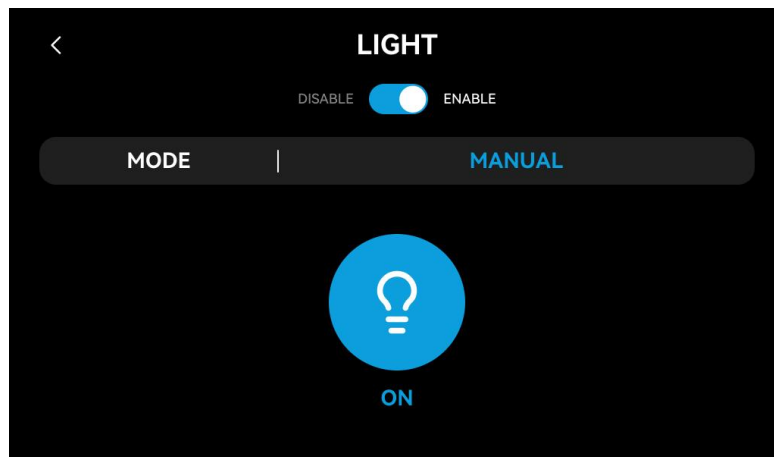


Pool Light linkage enabled status:

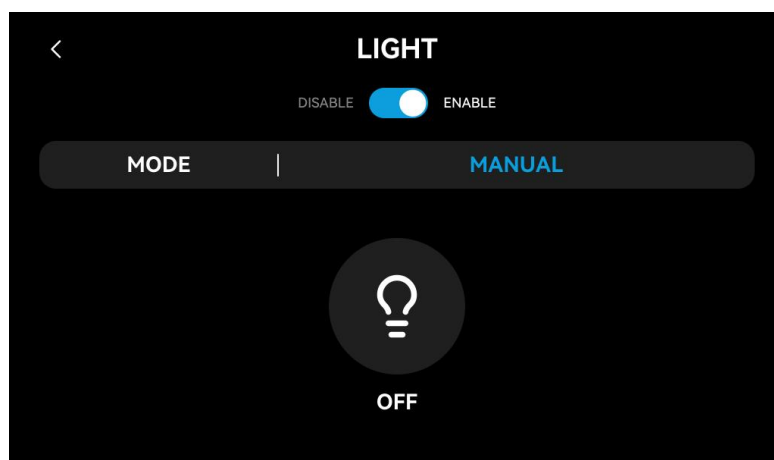
After Pool Light linkage is enabled, the Pool Light control mode can be set to AUTO Mode or MANUAL Mode. AUTO Mode can be used to set the Pool Light scheduled on/off times. The on time can be adjusted from 00:00 to 23:58 in 1 min increments; the off time can be adjusted from 00:01 to 23:59 in 1 min increments. MANUAL Mode can only be used to manually control the Pool Light on/off.



AUTO Mode

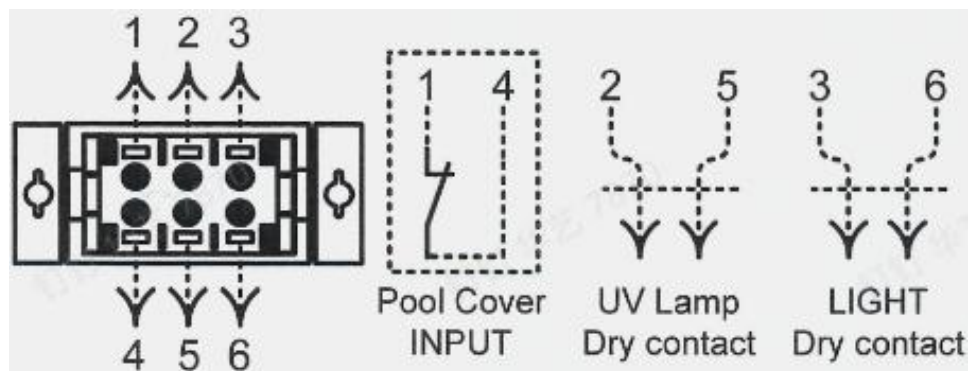


MANUAL mode (On)



MANUAL mode (Off)

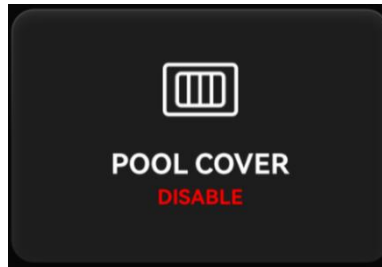
After the Pool Light is enabled, the Salt Chlorinator can control the operation of the Pool Light via a Dry Contact Signal. One power wire of the Pool Light must be cut, then connected separately to the output terminals of the external relay; One power wire on the control side of the external relay must be cut, then connected separately to terminals 3 and 6 of the 6-position Quick-Connect Terminal on the Salt Chlorinator Controller. See the figure below for details.



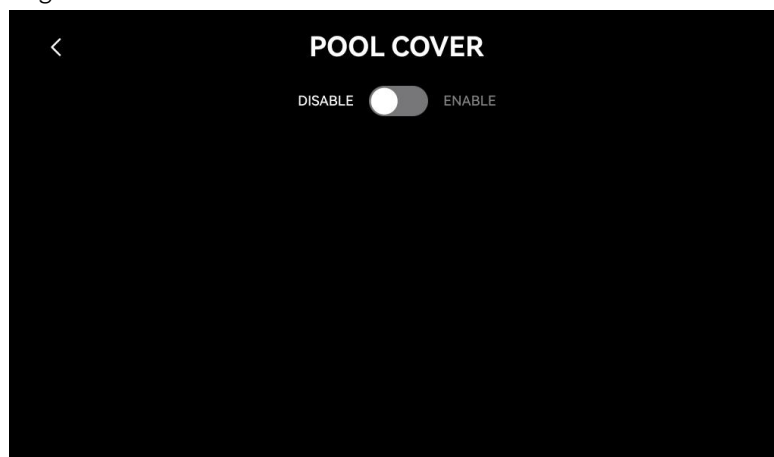
3.7.4 Pool Cover

On the LINK Interface, briefly press the "POOL COVER" icon to enter the Pool Cover linkage settings interface. The Pool Cover can be set to either ENABLE or DISABLE, and the factory default setting is DISABLE. When enabled, the Salt Chlorinator will run COVER Mode when the Pool Cover is closed; when disabled, the Salt Chlorinator will not run COVER Mode.

Under the "POOL COVER" icon, red text "DISABLE" means the pool cover interlock function is disabled; orange text "CLOSE" means the pool cover is closed; blue text "OPEN" means the pool cover is open.

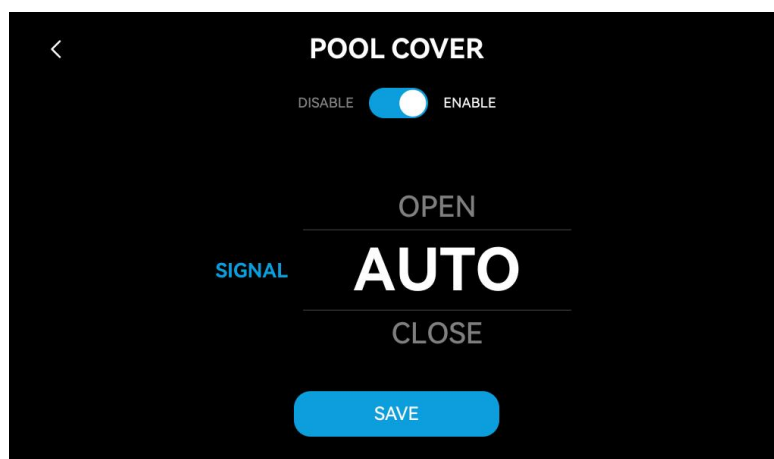


Pool Cover linkage disabled state:

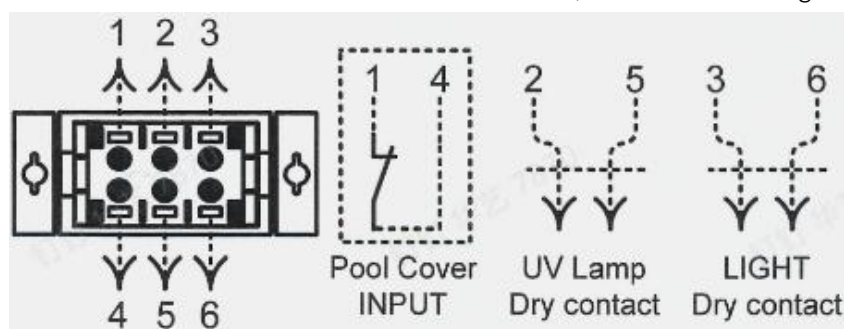


Pool Cover linkage enabled state:

When set to OPEN, the Salt Chlorinator will not enable COVER Mode; When set to CLOSE, the Salt Chlorinator automatically enables COVER Mode and reduces to the minimum Chlorine Output Level; When set to AUTO and a Pool Cover closed signal is detected, the Salt Chlorinator automatically enables COVER Mode and reduces to the minimum Chlorine Output Level; When set to AUTO and a signal indicating the Pool Cover is open is detected, the Salt Chlorinator will not enable COVER Mode.



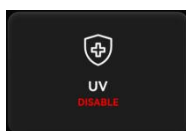
In AUTO Mode, the Salt Chlorinator can detect the status of the Pool Cover (open or closed). The Pool Cover signal input is connected to terminals 1 and 4 of the 6-position Quick-Connect Terminal on the Salt Chlorinator Controller, as shown in the figure below.



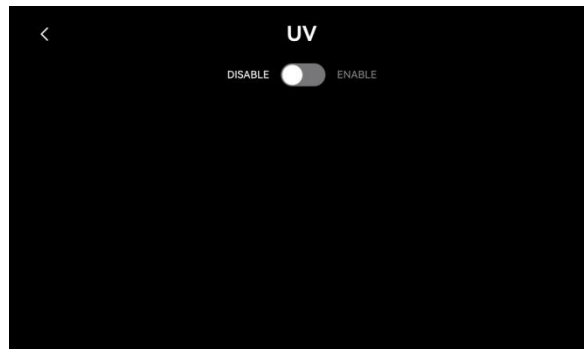
3.7.5 UV Lamp

In the LINK Interface, short-press the "UV" icon to enter the Pool UV Lamp linkage settings interface. The Pool UV Lamp can be set to enabled (ENABLE) or disabled (DISABLE). The factory default setting is disabled. When enabled, the Salt Chlorinator can control the operation of the Pool UV Lamp; when disabled, the Salt Chlorinator cannot control the operation of the Pool UV Lamp.

Under the "UV" icon, red text "DISABLE" means the UV lamp interlock function is disabled; orange text "OFF" means the UV lamp is off; blue text "ON" means the UV lamp is on.

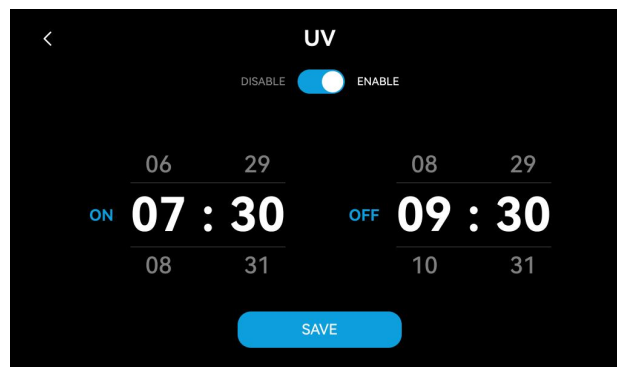


UV Lamp disabled status:

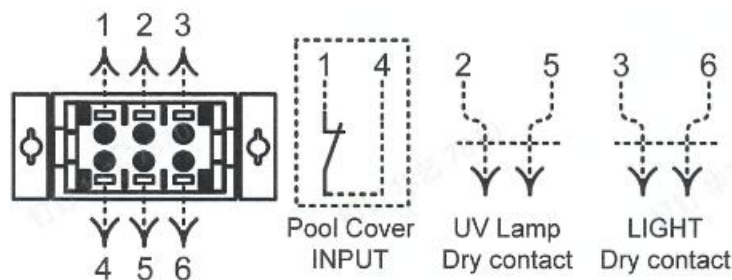


UV Lamp enabled status:

After UV Lamp linkage is enabled, the start time can be adjusted from 00:00 to 23:58 in 1-minute increments; the opening/closing time can be adjusted from 00:01 to 23:59 in 1-minute increments.



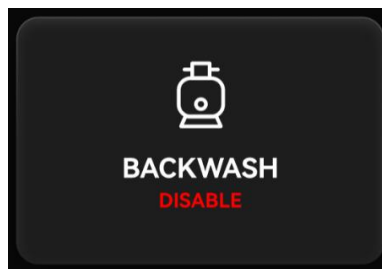
After the UV Lamp is enabled, the Salt Chlorinator can control the operation of the pool UV Lamp via a Dry Contact Signal. One power wire of the pool UV Lamp must be cut, and the two ends must be connected to the external relay output terminals respectively; One power wire of the external relay control terminal must be cut, and the two ends must be connected to positions 2 and 5 of the Controller 6-position Quick-Connect Terminal respectively. See the figure below for details.



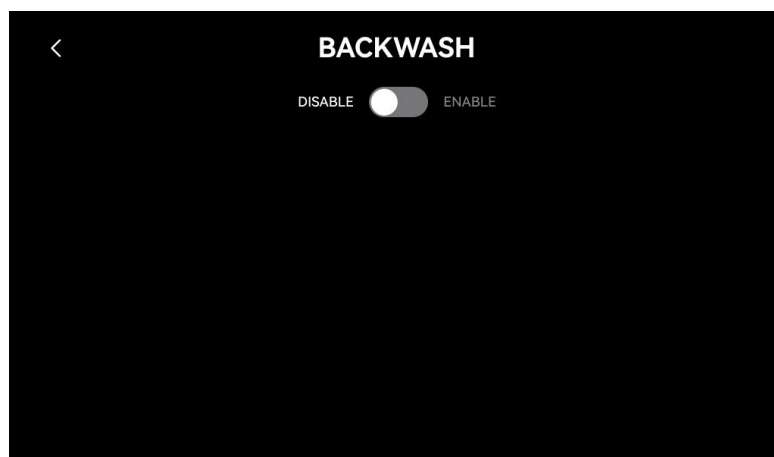
3.7.6 Backwash

On the LINK Interface, short-press the "BACKWASH" icon to enter the pool sand filter Backwash settings interface. Backwash can be set to either ENABLE or DISABLE. The factory default setting is DISABLE. When enabled, the Salt Chlorinator can control the sand tank to perform Backwash regularly; when disabled, the Salt Chlorinator cannot control the sand tank to perform Backwash.

Under the "BACKWASH" icon, red text "DISABLE" means the backwash interlock function is disabled; orange text "OFF" means backwash is stopped; blue text "ON" means backwash is in progress.

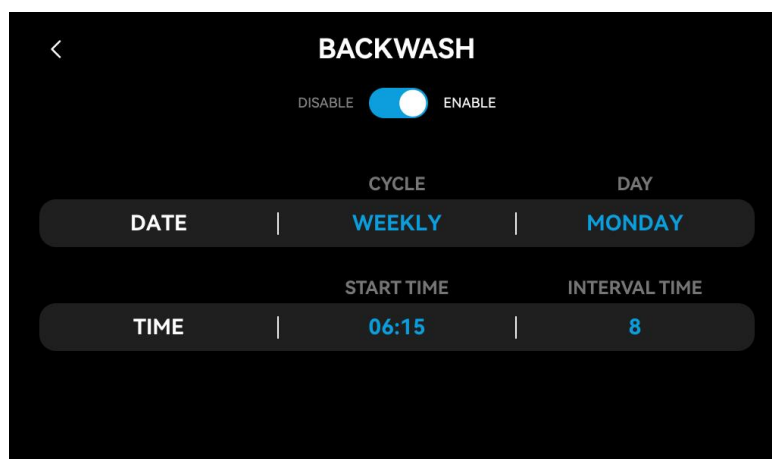


Backwash disabled state:



Backwash enabled state:

After the backwash interlock is enabled, the interval time is adjustable from 30 to 60 days in 1-day increments, with a default setting of 30 days; start time is adjustable from 00:00 to 23:59 in 1-minute increments, with a default setting of 00:00; duration is adjustable from 5 to 15 minutes in 1-minute increments, with a default setting of 5 minutes.



After Backwash linkage is enabled, the Salt Chlorinator can control the state of the five-way valve through the internal relay to perform Backwash on the sand filter. The power cable of the five-way valve is connected to the BACKWASH port on the Controller via an aviation waterproof connector, as shown in the figure below.



BACKWASH

4.Product Maintenance

4.1Troubleshooting

Fault	Solution
E01: NO FLOW	① Check whether the pump is running. If not, start the pump. ② Verify that the valves on the pipes before and after the electrolytic cell are fully open. Open the valves completely if they are not. ③ Check the paddle status of the combined flow & temperature sensor inside the electrolytic cell. If the paddle is not closed, increase the pump speed or gear until the flow switch paddle closes. ④ If the paddle is closed, check whether the connector of the combined flow & temperature sensor is properly connected to the controller. ⑤ If the combined flow & temperature sensor is connected normally, replace the sensor with a new one.

	⑥ If the fault still occurs after replacing the combined flow & temperature sensor, contact your supplier for maintenance (replace the main control board or the connecting cable of the combined flow & temperature sensor).
E02: LOW SALT	① Confirm whether the swimming pool has been refilled with water in the past half month (including rainwater replenishment, automatic water replenishment after backwash, and manual water replenishment) which causes dilution. ② If yes, add sodium chloride as prompted according to the salt level. ③ If no, contact your supplier to replace the electrolytic cell.
E03: LOW WATER TEMP	① If the actual water temperature $< 15^{\circ}\text{C}$, you may turn on the heat pump to heat the pool water, or take no action. ② If the actual water temperature is obviously higher than 15°C, replace the combined flow & temperature sensor with a new one.
E04: Controller overheating alarm	① First, install the controller indoors in a well-ventilated area, away from heat sources, avoiding direct sunlight, with ambient temperature not exceeding 45°C. ② If the fault still occurs after relocation, contact your supplier to replace the main control board inside the controller.
E05: Power board overheating alarm	① First, install the controller indoors in a well-ventilated area, away from heat sources, avoiding direct sunlight, with ambient temperature not exceeding 45°C. ② If the fault still occurs after relocation, contact your supplier to replace the power board inside the controller.
E06: Cell alarm	① Power the unit off and on again, and check if the fault recurs. ② Check whether the connection between the electrolytic cell and the controller is normal. ③ If connected properly, confirm if sodium chloride is added to pool water (salt concentration $< 0.3\text{g/L}$ may trigger false cell alarm). ④ If actual pool water salt concentration $\geq$

	0.3g/L, contact your supplier to replace the electrolytic cell.
E07: Water temperature sensor fault	① Check whether the connector of the combined flow & temperature sensor is properly connected to the controller. ② If the sensor is connected normally, replace the combined flow & temperature sensor. ③ If the fault persists after sensor replacement, contact your supplier for maintenance (replace the main control board).
E08: Display communication fault	① Power the unit off and on again, and check if the fault recurs. ② If the fault still occurs, contact your supplier for controller maintenance (replace the display screen or main control board).
E09: Power board temperature sensor fault	① Power the unit off and on again, and check if the fault recurs. ② If the fault still occurs, contact your supplier for maintenance (replace the power board or main control board).
E10: Controller temperature sensor fault	① Power the unit off and on again, and check if the fault recurs. ② If the fault still occurs, contact your supplier for maintenance (replace the main control board).
E12: Electrolysis voltage detection fault	① Power the unit off and on again, and check if the fault recurs. ② If the fault still occurs, contact your supplier for maintenance (check the connection between electrolysis voltage detection terminals and the main control board).
E13: Power board main output fault	① Power the unit off and on again, and check if the fault recurs. ② If the fault still occurs, contact your supplier for maintenance (replace the power board).

4.2 Reminder Handling

Reminder	Solution
T01: Acid solution replenishment reminder	① Check whether the acid tank is at low liquid level. ② If low, replenish acid solution and perform reset. ③ If liquid level is normal, modify liquid volume and perform reset.

T02: pH electrode calibration reminder	① Recalibrate the pH electrode. ② If calibration is not completed, the reminder will pop up again after 15 days.
T03: ORP electrode calibration reminder	① Recalibrate the ORP electrode. ② If calibration is not completed, the reminder will pop up again after 15 days.
T04: dosing pump replacement reminder	① Replace the dosing pump and perform pump reset. ② If replacement and reset are not completed, the reminder will pop up again after 15 days.
T05: Electrolytic cell replacement reminder	① Replace the electrolytic cell and perform cell reset. ② If replacement and reset are not completed, the reminder will pop up again after 15 days.

