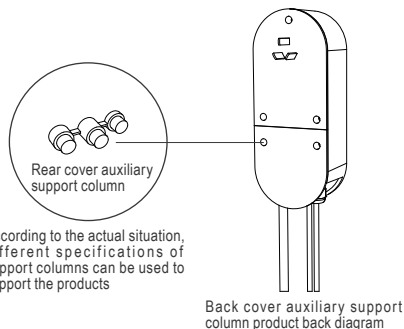


4.Troubleshooting

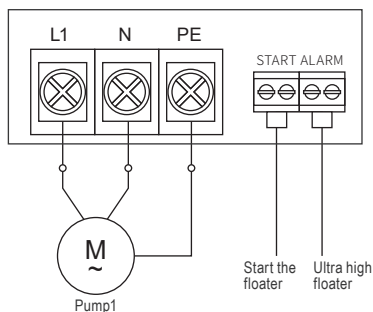
Alarm	Trigger conditions	Solutions
Over voltage	When the voltage is higher than the set overvoltage value and lasts for 5 seconds, the alarm will be given and the water pump will stop running.	Check the power supply. When the voltage returns to normal for 1 minute, the alarm will be released (the time can be set) and the previous operating state will be restored.
Undervoltage	When the voltage is lower than the set undervoltage value and lasts for 5 seconds, the alarm will be given and the water pump will stop running.	Check the power supply. When the voltage returns to normal for 1 minute, the alarm will be released (the time can be set) and the previous operating state will be restored.
No-load	Under the automatic operation mode, the pump will stop when the current is lower than the rated current for a certain proportion (settable) and lasts for 3 seconds.	In 15 minutes after the first no-load alarm, the alarm will be automatically released and the system will be in standby state. If the alarm occurs again within 1 hour, the alarm will not be automatically removed.
Over-load	Under the automatic operation mode, if the water pump current exceeds the set current for a certain period of time, the alarm will be given, and the water pump will stop running.	In 15 minutes after the first overload alarm, the alarm will be automatically released and the system will be in standby state. If the alarm occurs again within 1 hour, it will not be automatically removed.
Block running	Higher than the setting value for 2 seconds, the alarm occurs and the pump stops.	Check the water pump if there is sand jamming, bearing damage, lack of oil, impeller damage and other faults, and repair them in time. Power on again after troubleshooting.
Floater fault	When the start floater doesn't work, the ultra high floating ball action will be detected as floater alarm.	Check whether there is fault of start floater.
Ultra high water level	Floater type: The high water level floater closes and lasts for 5 seconds; Air pressure type: high water level floater closes or the current water level is higher than the ultra-high water level and lasts for 5 seconds	Check the cause of failure to drain water in time.

5.Accessory Parts instruction

Name	Quantity	Units
Smart Household Sewage Extraction Controller	1	platform
Product manual	1	copy
Auxiliary support column of rear cover	2	set
certificate	1	copy

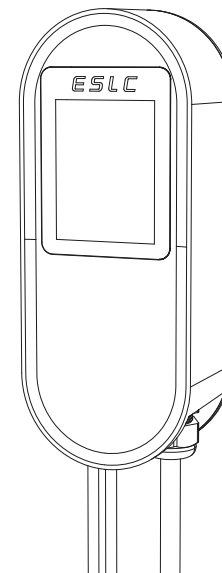


6.Electric Wiring Diagram



Product Manual

Smart Household
Sewage Extraction Controller



Thank you for choosing our products.
Please read this manual carefully before use.

1.Product introduction

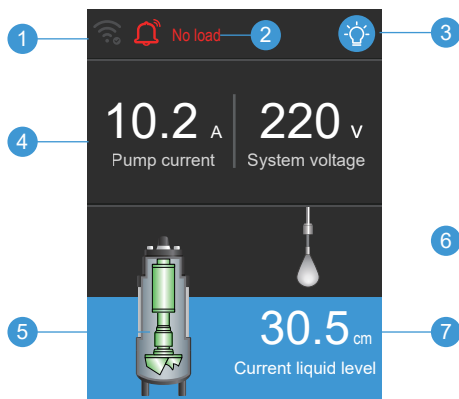
ESLC smart household sewage extraction controller has two types: floater and air pressure, which can realize the intelligent control of one water pump.

The controller has two modes: manual mode and automatic mode. Under the manual mode, the water pump can be turned on and off through the touch screen; Under the automatic mode, the controller automatically controls the start and stop of the water pump through the floater or air pressure.

During the water pump running, it will automatically detect overvoltage, undervoltage, overload, no-load and other faults, and give fault alarm and timely protection.

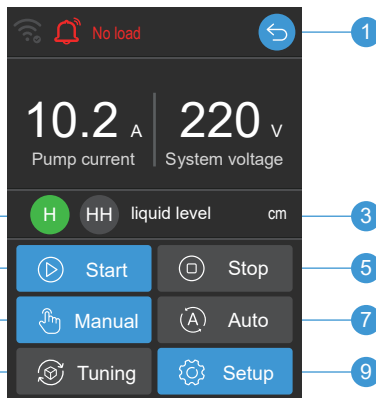
2.Operation Interface

This controller uses a 2.8 inch touch screen. The water pump control interface consists of a main page and a setting page. The contents displayed on the main page of different modes are slightly different. Please refer to the actual model.



Main interface (pressure pattern)


- 1 Network status display
- 2 Fault alarm prompt, click the fault text to enter the control interface.
- 3 Screen brightness setting (there are three gears, and the screen brightness will automatically decrease if it is not operated for 1 minute)
- 4 Current/voltage display (press this area for 5 seconds to enter the control interface)
- 5 Water pump status display (click the water pump to enter the operation record interface)
- 6 Float status display
- 7 Current liquid level display





Control interface

- 1 Return button (click to return to the main interface)
- 2 Floater status display
- 3 Liquid level value display
- 4 Water pump start button (click to run the water pump in manual mode)
- 5 Water pump stop button (click to stop the water pump in manual mode)
- 6 Manual mode button (click to enter manual mode)
- 7 Automatic mode button (click to enter automatic mode)
- 8 Water pump setting button (if the icon lights up, it indicates that the water pump is not set, see * Setting Process for details)
- 9 Parameter setting button (click to enter the parameter setting interface and consult the manufacturer for details)

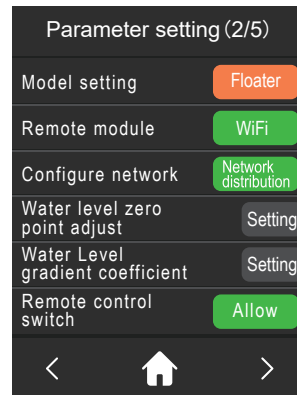
*Setting Process


Step 1:  Manual Click the manual button to enter the manual mode

Step 2:  Start Click the Start button to start the water pump


Step 3:  Tuning Click the "Setting" button, and if the icon turns gray, the setting is successful.

3.Network Distribution Setting



1. Click the icon  on the parameter setting (2/5) page, and then the device enters the network distribution stage. The network distribution icon turns green. After 5 seconds, the icon will return to default, and the following mobile operation can be performed.
2. The mobile phone is connected to the on-site WiFi (that is, the network access WiFi of the device), and this WiFi needs to have the Internet access function.
3. Scan the QR code below on wechat or search "Yukong industrial IOT cloud platform" to follow the official account of Yukong cloud platform.



4. Enter the official account and operate the network distribution according to the network distribution description interface. The icon  displayed on the main interface indicates that the network distribution is successful.