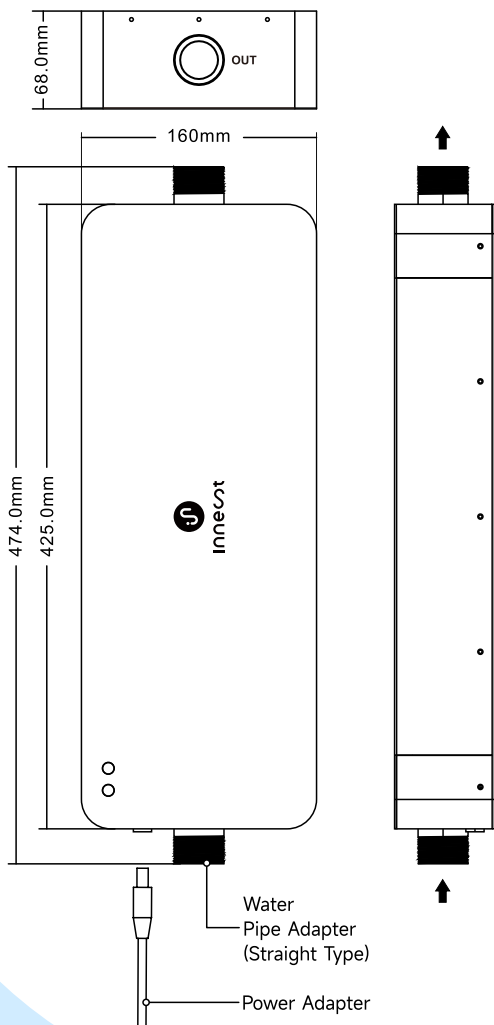


UVC-LED WATER STERILIZER--50L/min




TECHNICAL PARAMETERS

- Model No.: HC-MKDCY-50
- Max flow rate: 50L/min
- Water Pipe Connection: 1"
- Dimension: 474*160*68MM
- UV Dose: 121.9 mJ/cm²
- Rated power: 60w
- Input: 5A/2.5A
- Working Voltage: DC:12/24v
- Module lifespan: 3-5years
- Working temperature: 5°C-40°C
- Storage temperature: -10°C-60°C
- Water Pressure: 0.1-0.4Mpa

APPLICATION

Our household UVC-LED water sterilizer series can be widely used in desktop/ vertical drinking machines, under sink or counter top water filtration systems, bubble machines, ice machines and direct drinking water springs and other household water purification products.

TECHNICAL ADVANTAGES

-  260-280nm wavelength
-  Maintenance-free
-  More than 3-5years
-  99.99% Sterilization rate
-  Low wattage consumption
-  Customizable integrated module



UVC-LED WATER STERILIZER--50L/min



FEATURES



Innest UVC-LED



MERCURY UV LAMP

Mercury content	NO	20-200mg
Service life	3-5 years	3-6 months
Sterilization Rate	99.99%	95%~99%
Preheat time	Instant start	Up to 5 min
Product Size	Easy in miniaturization	Difficulty in miniaturization
Energy	Low wattage consumption	High wattage consumption
Whether ozone is produced	No	Yes

INSTALLATION

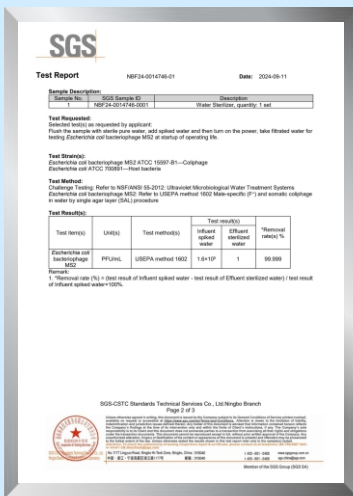
LED indicator Description	Working Condition
● Red	Power on: no water flow standby mode the indicator LED lights up red
● Green	Power on: water flowing UVC operating the indicator LED lights up green
● Orange	UVC malfunction: The indicator LED lights up orange (red and green LEDs illuminate simultaneously)

UVC-LED WATER STERILIZER--50L/min



SAFETY INSTRUCTIONS

1. Avoid direct eye exposure to UVC-LED light sources.
2. When inspecting the UVC-LED water sterilizer, protective goggles must be worn.
3. Keep UVC-LED water sterilizer out of reach of children; do not allow children to handle or play with them.
4. Install the device in a well-ventilated, shaded area and avoid direct sunlight.
5. Do not use the device with hot water.
6. Avoid pulling on the sterilizer's connecting cables and prevent the device from being dropped.
7. When inserting water pipes into the module's quick-connect fittings, ensure they are fully inserted to the limit to prevent leakage.



Test report: NBF24-0014096-01 E-coli removal rate 99.99% at flow rate 50L/min

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s)%
			Influent spiked water	Effluent sterilized water	
Escherichia coli bacteriophage MS2	PFU/ml	USEPA method 1602	1.9×10 ⁵	1	99.99

VIEWS

