Lighting and Power Technologies LLC

BY

BULBAZON
COMMERCIAL · INDUSTRIAL · UTILITY LIGHTING

PORTABLE UVC STERILIZER- KEYCHAIN

www.lightingandpowertech.com

Product Name	Mini Ultraviolet Intelligent Sterilizer
Power	0.4W
Input Voltage dc	DC3.7V/5V
Output Voltage	5V
Net Weight	4g
Gross Weight	22g

Compatibility:
This device has strong compatibility and supports most lightning-port phones (or tablets) and type-c phones. If certain type-c interface phones cannot be used, please turn on the OTG function in the phone Settings.

Warranty Exception:

Under one of the following circumstances, even within the warranty period, it cannot be included in the warranty. However, it can be repaired by charging.

1. Damage caused by failure to use, maintain and keep the product in accordance with the requirements of the product manual.
2. Damage caused by improper operation, abnormal power supply, damage (such as falling, etc);
3. Failure and damage caused by non-product working environments. This includes when the environment temperature is too high, too low, too wet, too high of an altitude, abnormal physical pressure, electromagnetic interference, power supply stability, static interference, etc.
4. Failure or damage caused by installation, repair, change, addition or removal by nonauthorized organizations and personnel of the company.
5. Fault or damage caused by an accident or human reason (including operation error, liquid intake, scratch, handling, bump, improper plugging, etc.)
6. Damage caused by force (such as lightning, earthquake, fire, flood, etc.)

This warranty is only applicable to the occasions when consumers purchase and use it for the purpose of living consumption, not for business use.

Disclaimer:

Users of the product are all at their own risk. No liability or liability for any physical or non-physical injury caused directly or indirectly bu the use of the product. In addition, we reserve the right to modify this note and change its contents at any time. And there is no obligation to notify any individual of such modifications or changes.

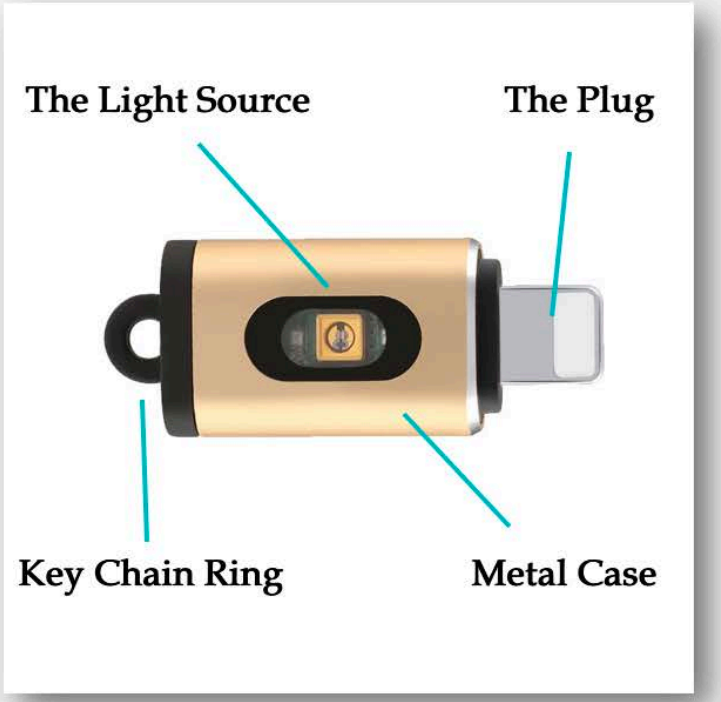
Warranty Exception:

1. Product from the date of purchase, shelf life for– one year
2. Product warranty scope refers to the product in the normal use of the problem.
3. In the warranty period and warranty scope, free maintenance.

PRODUCT INFORMATION

Product Description:

Our Mini Sterilizers are small, but have a wide application. This product uses high-precision UVC+UVA smart chips, with 5-10 seconds of the highest rate of 99.9% sterilization. This device is environmentally safe while featuring a safe surface sterilization component. The light source effectively kills e-coli, candida albicans, staphylococcus aureus and other common bacteria.



Usage:

1. Business travel, hotel items
2. Daily household items
3. Digital products, such as mobile phones, tablets, etc.
4. Toothbrush, chopsticks, teacups, pens, ear studs, baby pacifiers, calculators, keyboards, etc.

PRODUCT INFORMATION

Instruction:

Use a suitable mobile phone (Apple Lightning interface or Android Type C interface), keep the phone bright, connect the phone and the product, plug and play, keep the irradiation height at 5mm, scan slowly, and each part can reach 99% sterilization within 5 seconds. To achieve the best effect, you will need a large irradation distance over a long period of time. The recommended distance is no more than 20mm.

Application Shows That

1. Conduct rapid sterilization on beauty instruments, beauty make-up tools, solid or powder cosmetics, etc. Extends service life, and reduces the damage caused to the product and human body.
2. On business trips and outdoor activites, carry out quick bactericide on portable toiletries, tableware, remote appliances, keyboards and toilet seats.
3. For mobile phones, watches, jewelry, etc., with a high frequency of daily use. Fast surface sterilization without residue and damage.

Attention:

1. Do not use or store the product in the following places: near fireworks, water edges, strong electromagnetic places, etc.
2. Do not illuminate the eyes.
3. Do not irradiate the skin for a long time (no more than 10 seconds in the same position).
4. Please do not start the sterilizer for a long time. It is recommended to work continuously for no more than 10 minutes to avoid affecting the product life.
5. Do not put the product in a cold zone. If the temperature is lower than –30 degrees, the product life is affected.
6. Keep out of the reach of children. Children under the age of 6 are not allowed to use the product alone.
7. Do not wipe the product with corrosive chemicals.
8. Non-professionals are not allowed to disassemble the product.

Cleaning and Maintenance:

1. Wipe the glass lens before use and keep it dry and clean.
2. If not used for a long time, please dry the surface of the product and store it in a cool place.

Deep ultraviolet and strong sterilization

You can use it anytime, anywhere, whenever, wherever. No need to charge, just plug in the phone and use.

Small in size, wide range of uses, a high-precision UVC and UVA smart chip, within 5 seconds it provides the highest rate of 99.99% sterilization, it offers physical environmental protection, safe surface sterilization, Escherichia coli, candida albicans, staphylococcus aureus and other common bacteria, fungi and viruses are killed. Use this to protect your home and travel supplies.

- Business Travel, hotel items
- Daily household Items
- Digital products, such as mobile phones, tablets
- Paypoints, parking paystations and ATM's
- Toothbrush, cutlery, coffee cups, pens, ear studs, baby pacifiers, calculators, keyboards
- Paper and money so as not to wet etc

Use a mobile phone (Apple Lightning interface or Android Type C interface), connect the phone and the product, plug and play, keep the irradiation height 5mm, scan slowly, and each part can reach 99% sterilization within 5 seconds. The larger the irradiation distance, the longer the unit irradiation time is required, and the recommended distance is not more than 20mm.

1.Conduct rapid sterilization on beauty products, makeup tools, solid or powdered cosmetics, etc. Extend the service life, and reduce the damage caused to the products and the human body by the breeding of bacteria.
2.On business trips and outdoor activities, carry out quick bactericide on portable toiletries, tableware, remote appliances, keyboards, toilet seats in public places to protect personal health.
3.For mobile phones, watches, jewelry, etc. with high frequency of daily use, fast surface sterilization without residue and damage.

"THE SARS-CoV-2 VIRUS THAT CAUSES COVID-19 IS RENDERED NON-INFECTIOUS THROUGH THE APPLICATION OF UVC RADIATION BECAUSE IT IS ABLE TO DAMAGE THE RNA SEQUENCE & BREAK UP THE BONDS OF THE VIRUS. ESSENTIALLY, THIS SPECIFIC TYPE OF RADIATION IS CAPABLE OF KILLING THE VIRUS THAT CAUSESCOVID-19 IN THE FIRST PLACE"

- (Pace, https://www.capetownetc.com/cape-town/uct-student-develops-uvc-sanitiser-for-covid-19/**)**

MINI SIZE
LARGE CAPACITY

Mini portable deep UVC Ultraviolet disinfection lamp

Warm reminded:
this product is a deep ultraviolet LED lamp,
can not direct the eyes, and long time irradiation of the skin

Colorful colors more choices

Deep ultraviolet and strong sterilization

You can use it anytime, anywhere,whenever,wherever
No need to charge, just plug in the phone and use it

WARNING

THIS PRODUCT CONTAINS A DEEP ULTRAVIOLET LED LAMP
DO NOT SHINE IN EYES OR PROLONG EXPOSURE TO SKIN

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广东省微生物分析检测中心

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

分析检测结果

ANALYSIS AND TEST RESULT

1.样品前处理：以玻璃为菌片载体，测试时菌片置于距灯 2cm 处，作用时间 1min。

Sample pretreatment: Glass was used as the carrier of microbial sheet. The microbial sheet was placed 2cm away from the lamp during the test. Treatment time was 1 minute.

2.试验结果 **Test Result:**

试验菌株 **Test Organisms**	试验组别 **Test groups**	对照组平均菌落数 **Average number of positive controls**（cfu/PCS）	试验组平均菌落数 **Average number of testing groups**（cfu/PCS）	杀灭率 **Killing rate**（%）	杀灭对数值 **Sterilization logarithm**
大肠杆菌（*Escherichia coli*）8099	1	3.9×10^6	4.7×10^4	98.79	1.93
	2	3.5×10^6	5.1×10^4	98.54	1.87
	3	3.4×10^6	5.1×10^4	98.54	1.82
金黄色葡萄球菌（*Staphylococcus aureus*）ATCC 6538	1	1.8×10^6	6.5×10^4	96.39	1.45
	2	1.9×10^6	6.2×10^4	96.74	1.49
	3	1.9×10^6	5.8×10^4	96.35	1.52
白色念珠菌（*Candida albicans*）ATCC 10231	1	1.4×10^6	3.9×10^4	97.24	1.56
	2	1.5×10^6	3.5×10^4	97.67	1.63
	3	1.6×10^6	3.7×10^4	98.67	1.66

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