



Powerology

**Portable Air Purifier with Built-In
Battery and 10h Work Time**

SKU: PMAPSBK

Table of Contents

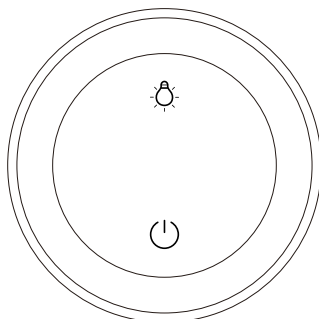
Quick Start	2
Filter Replacement	2
Charging Instructions	3
Specifications	4
Package Contents	4
Schematic View	5
Features	5
Main Functions	6
Maintaining the Unit	7
Maintaining The Filter	7
FAQ	7
Warranty	9
Contact Us	9

Before installing and using the product, please carefully read this User Manual to guarantee correct usage and keep it secure for future reference.

Quick Start

1

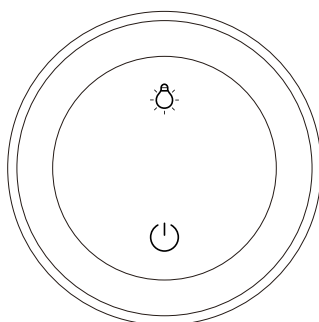
Short press —•



Press the power button once to turn on the air purifier. Press the power button again to turn off the air purifier.

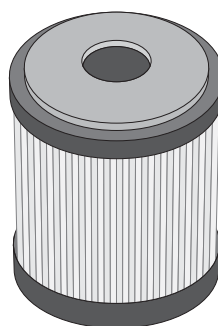
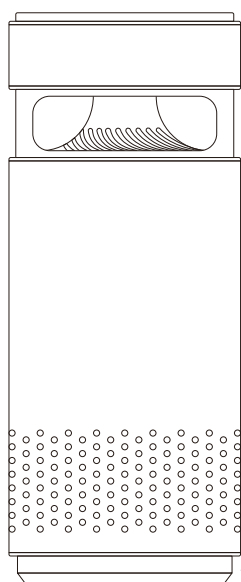
2

Click —•

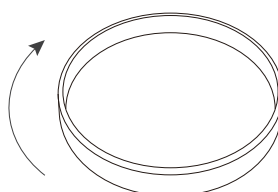


Click the light button to turn on or off all lights and the UV sterilization function.

Filter Replacement



HEPA
Filter

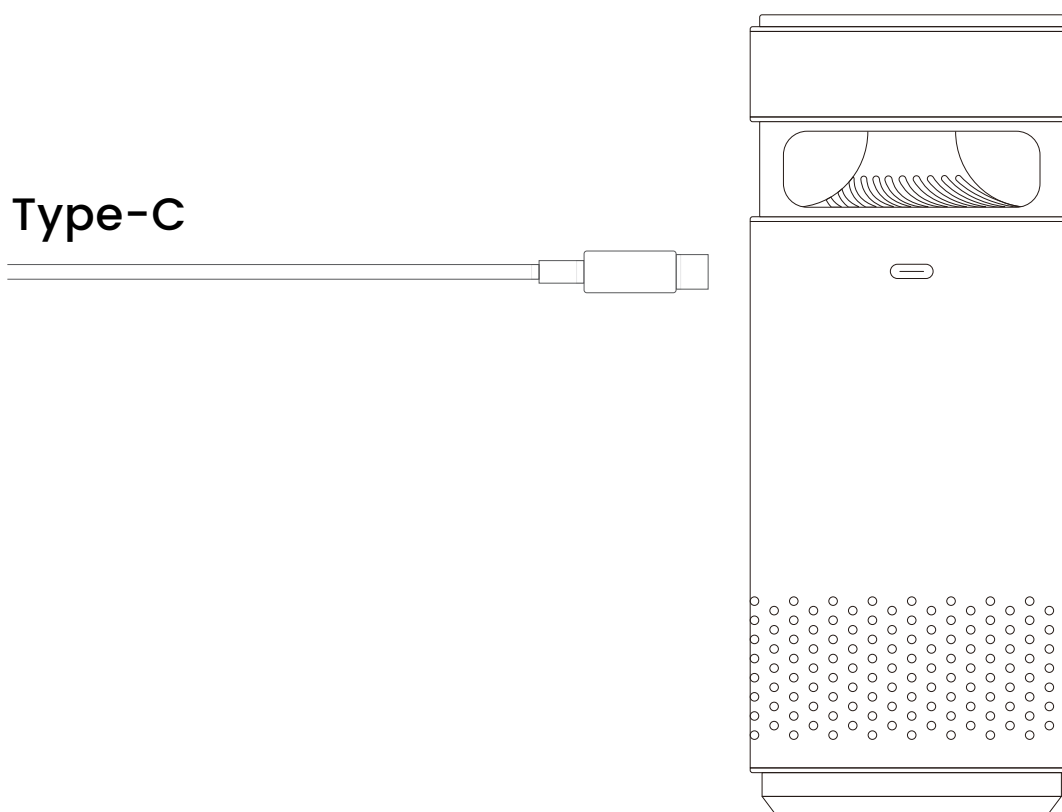


Base

The filter should be replaced every 500 hours of purification use. To replace the HEPA filter, rotate the bottom of the air purifier counterclockwise to remove the base. After installing the new filter, twist the base clockwise to secure it back in place.

Note: It is recommended to replace the filter every 4 to 6 months or after every 500 hours of use. In environments with heavily contaminated air, the filter may need to be replaced more frequently.

Charging Instructions



When the light turns orange and flashes slowly, it indicates that the air purifier's battery is low.

1. Use a Type-C input (5V, 2A) to charge the air purifier.
2. The orange light will flash quickly while the device is being charged.
3. The solid orange light indicates the device is fully charged.
4. The charging time is approximately 3.5 hours. Once fully charged, the air purifier can operate continuously for 7 to 10 hours.

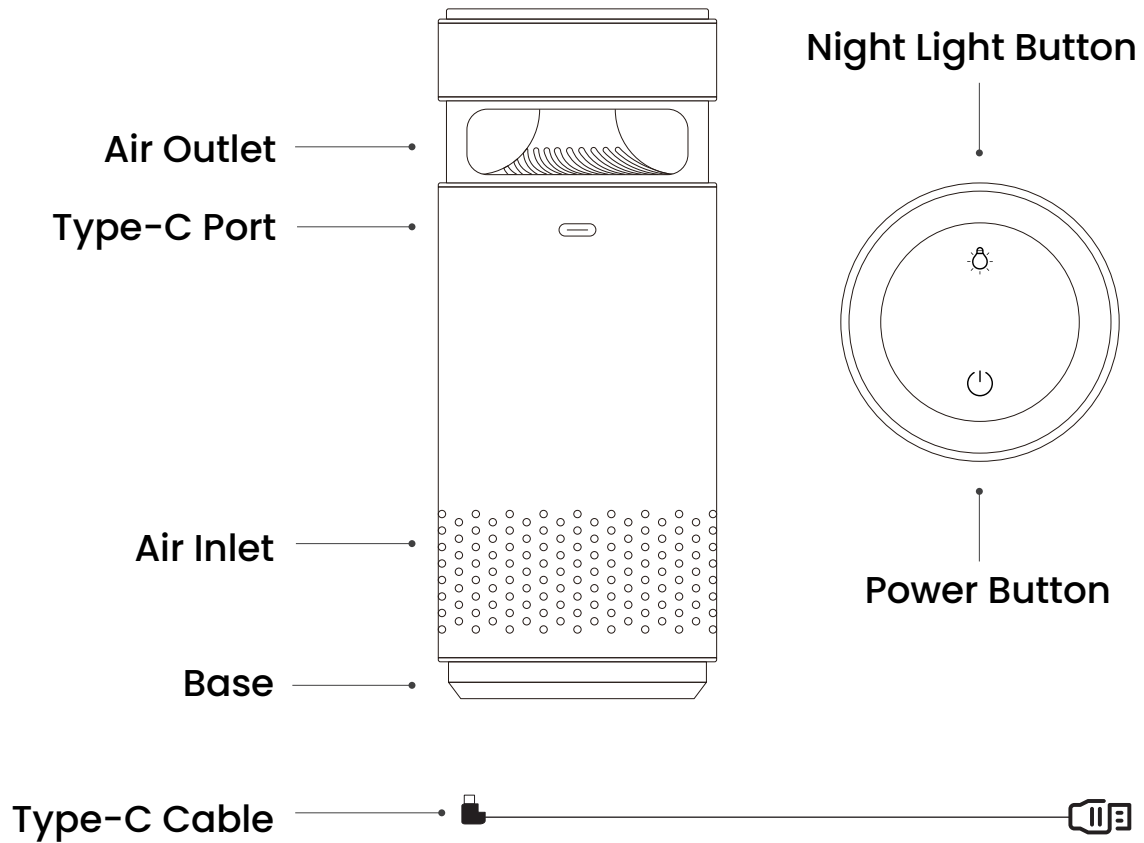
Specifications

Input	5V/2A
Battery Capacity	2200mAh
Filter Lifespan	4-6 Months
Rated Power	<8W
Charging Port	Type-C
Noise Level	<40dB
Filter	H13 HEPA Filter
Weight	285g
Dimension	168×68mm


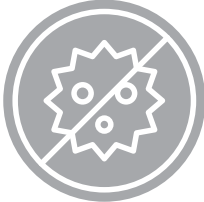
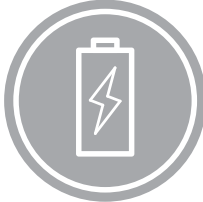





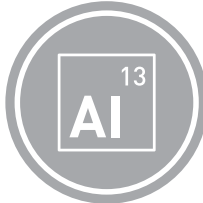
Package Contents

1. Air Purifier
2. Type-C Charging Cable

Schematic View



Features

 Eco-Friendly UVC LED	 High-Efficiency Sterilization	 2200mAh Lithium Battery
 HEPA Filter H13	 Adjustable Fan Speed (Low/High)	 Dust and Smoke Elimination
 Breathing Light with Night Mode	 Versatile Usage Scenarios	 Durable Aluminum Alloy

Main Functions

1. High-Efficiency Sterilization

High-efficiency Sterilization Air is sterilized using UVC LEDs. The UV light, with a wavelength of 280–260nm, effectively eliminates bacteria by disrupting the molecular structure of their DNA and RNA in a safe and environmentally friendly manner. This process ensures a high level of air sterilization.

2. HEPA Filter

HEPA Filter The device includes a H13 high-efficiency air filter and a 360° barrel-shaped design to ensure ample air intake, effectively removing 99 % of particulate matter as small as 0.3 microns. It also captures larger contaminants such as smoke, odors, dust, pet dander, bacteria, Total Volatile Organic Compounds (TVOC), and air pollution of PM 2.5 present in the air.

3. Cobalt Lithium Batteries

Cobalt Lithium Batteries The air purifier is equipped with the same grade of cobalt lithium batteries used by law enforcement, designed to operate under adverse conditions and withstand power issues such as overcharges, over discharges, and high temperatures. It features multiple protective measures and has a long-lasting battery life. The battery capacity is 2200mAh, allowing the air purifier to operate for up to 10 hours. Performance may vary based on environmental conditions.

4. Special Aluminum Alloy Housing Case

Special Aluminum Alloy Housing Case Unlike standard aluminum processing, this housing case is crafted using a sophisticated finishing technique that is more challenging and labor-intensive to achieve but results in a more stylized case that effectively resists fingerprints.

Maintaining the Unit

For optimal performance, clean the purifier at least once every 1-2 months using a clean, dry, soft cloth. Cleaning frequency may increase depending on environmental conditions.

Note:

1. Avoid inserting any foreign objects or your fingers inside the unit.
2. Refrain from using gasoline, benzene, and other abrasive or harsh cleaners on or inside the unit, as they will damage the product.
3. Never use alcohol or other solvents for cleaning.

Maintaining The Filter

Warning: Avoid cleaning the filter with water or any other liquids.

Note:

1. The filter should be replaced at least once every 4 to 6 months. Depending on environmental conditions, more frequent cleaning and replacement may be necessary.
2. The air purifier operates most effectively in a closed environment. Performance may be compromised if external air continuously enters the area.
3. If the purifier has not been used for an extended period, place the air filter in sunlight for an hour before reuse.

FAQ

Question 1: What kind of car cup holder does it support?

Solution: It is compatible with almost all models of cars and cup holders. The diameter of the cup holder should be larger than 70mm.

Question 2: How long is the lifespan of the UVC LED?

Solution: The lifespan of the UVC LED is approximately 10,000 hours, which equates to about 3 years.

Question 3: How long is the lifespan of the HEPA filter?

Solution: The lifespan of the HEPA filter is about 500 hours of use. However, depending on environmental factors, the service life of the filter may vary. It is recommended to replace the filter every 4 to 6 months.

Question 4: Is the filter washable?

Solution: No, the filter is a consumable item. You need to purchase a new filter and replace it after approximately 500 hours of use. It cannot be washed and reused.

Question 5: What is the purpose of ultraviolet sterilization?

Solution: Ultraviolet sterilization uses UV light to destroy the molecular structure of DNA and RNA in microbial cells, effectively eliminating bacteria without the need for chemicals.

Question 6: Can the air purifier continue to work after the car's auxiliary power is turned off?

Solution: Yes, the device is equipped with a 2200mAh lithium battery, allowing it to operate independently or while connected to the power supply.

Warranty

Products that you buy directly from our **Powerology** website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from our **Powerology** website or store. If **Powerology** products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website **powerology.me/warranty** and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check:
powerology.me/warranty

Contact Us

If you have any questions about this Privacy Policy, please contact us at: **hey@powerology.me**

Website: **powerology.me**

Instagram: **powerology_official**

Facebook: **powerology.ME**