



**Powerology**

**Volt-X GaN  
300W Smart Desktop Charger**

SKU: PWGAN300WBK



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## Product Overview

The Powerology Volt-X GaN 300W Smart Desktop Charger is an advanced charging solution designed to deliver high-speed, efficient power to multiple devices at once. Powered by GaN (Gallium Nitride) technology, this charger offers faster charging, greater energy efficiency, and a compact design. With a total output of 300W, it supports up to six devices simultaneously, including laptops, smartphones, and tablets, through a combination of USB-C and USB-A ports. The charger features smart power management, which automatically adjusts the output to provide optimal charging based on the connected device. Built-in safeguards protect against overcharging, overheating, and short circuits. Its sleek, space-saving design makes it ideal for both home and office use, ensuring that users can power their devices quickly and safely. The Powerology Volt-X GaN 300W Smart Desktop Charger is the perfect solution for those seeking efficient and reliable charging for multiple devices.

## Specifications

Model	PWGAN300W
Input	100-240V, 50/60Hz

USB-C1/C2 Output	5V/3A, 9V/3A, 12V/3A, 15V/3A, 28V/5A, 140W Max, PPS 3.3V-21V/5A (140W Max)
USB-C3/C4 Output	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A, 100W Max, PPS 3.3V-21V/5.0A (100W Max)
USB-C5 Output	5V/3A, 9V/3A, 12V/2.5A, 20V/1.5A, 30W Max, PPS 11-3.3V/2.7A (30W Max)
USB-A Output	5V/3A, 9V/2A, 12V/1.5A, SCP 11-3.3V/2A (22W Max)
USB-C1+USB-C2 Output	100W+140W
USB-C3+USB-C4 Output	100W+100W
USB-C5+USB-A Output	18W+30W
C1+C2+C3+C4+C5+ USB-A Output	60W+60W+60W+60W+30W+18W
Total Output	300W
Product Weight	944.2g
Product Dimension	121.58x36.59×120.78mmt

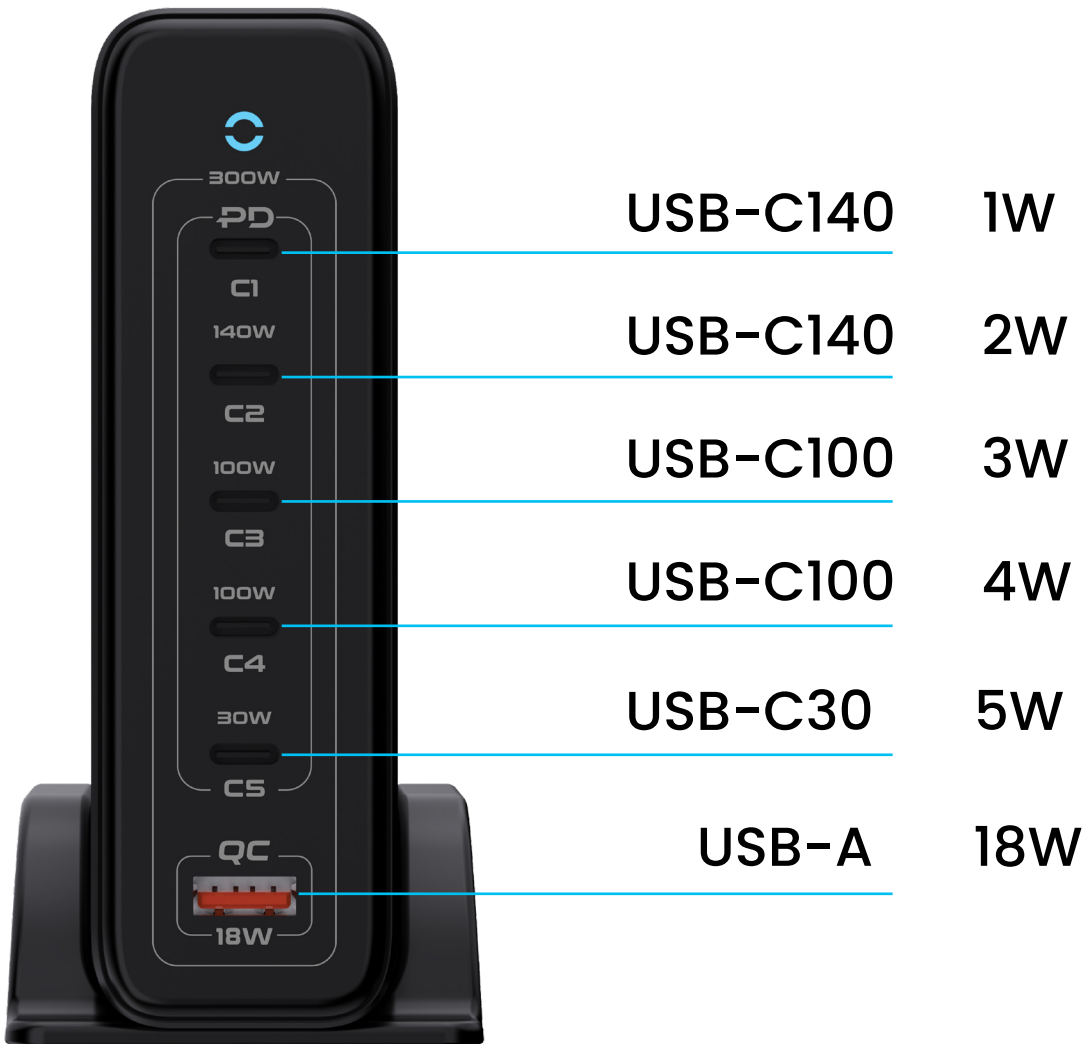
## Key Features

- 1. GaN Technology (Gallium Nitride):** GaN technology provides a more efficient and compact charging experience. Unlike traditional silicon chargers, GaN chargers operate at higher efficiency and produce less heat. This results in faster charging speeds, improved power density, and a smaller overall footprint, allowing for a more compact and portable charger without sacrificing performance.
- 2. Multi-Device Charging:** The Powerology Volt-X supports up to six devices at once, making it perfect for users with multiple devices, such as laptops, smartphones, tablets, and other gadgets. It offers multiple output ports, including USB-C and USB-A, to ensure compatibility with a wide range of devices, enabling you to charge everything from your laptop to your phone simultaneously, without any slowdowns.
- 3. Smart Power Management:** This charger is equipped with intelligent power distribution, which automatically detects the connected device and adjusts the charging output accordingly. Whether you are charging a power-hungry laptop or a smaller smartphone, the Powerology Volt-X ensures your devices receive the optimal power they need for safe and efficient charging, maximizing charging speed and protecting your devices from damage.
- 4. Built-in Safety Features:** Safety is a top priority with the Powerology Volt-X. It comes with multiple safety mechanisms, including protection against overcharging, overheating, and short circuits. These built-in safeguards help protect both the charger and the devices being charged, giving users peace of

mind that their devices are in safe hands during the charging process.

**5. Sleek, Compact Design:** The charger’s slim, modern design is tailored to fit seamlessly into any workspace, whether it’s at home or in an office. Its minimalist aesthetic ensures that it doesn’t take up unnecessary space, while the sturdy build and high-quality materials provide durability for long-term use. The compact size makes it ideal for travel, keeping your desk or work area tidy without sacrificing performance.

## Product Design



## Safety Precautions

- 1. Avoid Overloading:** Do not exceed the maximum power output of the charger (300W). Ensure that the total power draw from all connected devices does not exceed the charger's capacity to avoid overheating or potential damage.
- 2. Keep Dry and Clean:** Always use the charger in a dry environment. Avoid exposure to water, liquids, or excessive humidity. Clean the charger only with a dry, soft cloth. Avoid using harsh chemicals or abrasives.
- 3. Proper Ventilation:** Ensure the charger is placed in an area with adequate ventilation. Overheating can occur if the charger is obstructed or placed on a soft surface, such as a bed or pillow, that restricts airflow.
- 4. Check Cables Regularly:** Inspect cables and connectors before use for any signs of wear or damage. Replace any damaged cables immediately to prevent short circuits or electrical malfunctions.
- 5. Do Not Use with Damaged Devices:** Never connect the charger to devices that are damaged or have exposed wires. This could pose a risk of electrical shock or cause further damage to the charger or connected devices.
- 6. Avoid Blocking Vents:** Do not block the ventilation openings on the charger. These vents help to maintain optimal temperature levels during charging and prevent overheating.
- 7. Use with Appropriate Voltage:** Ensure the charger is being used with a power outlet that matches the voltage specifications (AC 100–240V). Using it with incorrect voltage can lead to malfunction or damage.

- 8. Keep Out of Reach of Children:** This product is not a toy and should be kept out of reach of children to avoid accidental contact with electrical components.
- 9. Use Certified Cables:** Always use high-quality, certified charging cables to ensure safe charging. Non-certified or low-quality cables may result in slow charging or overheating.
- 10. Unplug When Not in Use:** If the charger is not being used, it is recommended to unplug it to prevent unnecessary power consumption and potential overheating.

## Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.





## **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**

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