



Powerology

**200W UNIVERSAL
CAR POWER INVERTER**

SKU: PWCPI200WBK

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Product Overview

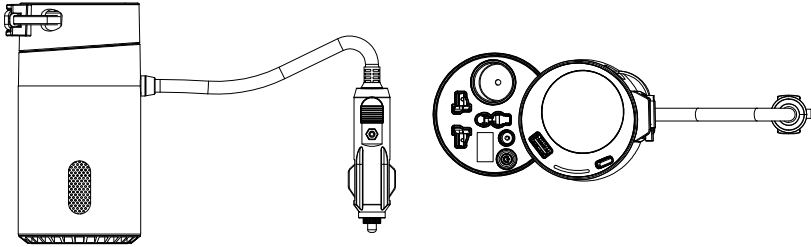
The 200W Universal Car Power Inverter is a versatile charging solution designed to provide efficient power on the go. It features an AC socket that can power small AC devices, alongside a built-in 45W USB-C PD cable that ensures fast charging. This device supports a wide input range of 12-24V, making it ideal for most car electrical systems. It includes a multi-port charging hub, with a USB-C PD port that delivers up to 36W, a USB-A QC port offering up to 22.5W, and a 12V/3A DC port, along with a 100W lighter socket. Additionally, the inverter is equipped with a 9-layer safety system for added protection and a real-time LED voltage display that helps monitor the AC voltage, ensuring safer and smarter driving. The compact design includes a retractable 60cm Type-C cable, making it easy to store and use without any clutter.

Specifications

Model	PWCPI200W
Input Voltage	DC12V-24V
AC Output	220V, 150W @12V/200W@24V
DC Output	12V/3A, 36W Max
Lighter Socket Output	12-24V, Up to 100W
USB-C Cable Output	5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.25A, 45W Max
USB-A Output	5V/3A, 9V/2.5A, 10V/2.25A, 12V/1.87A, 22.5W Max
USB-C Output	5V/3A, 9V/3A, 12V/2.91A, 15V/2.33A, 20V/1.75A, 35W Max
Total Output	138W Max
Material	PC+ Aluminum Alloy
Retractable Cable Length	60cm
Product Size	67 x 67 x 131.5mm
Product Weight	397g

Usage Instructions

1. This product is designed for use with vehicles or batteries rated between 12V and 24V. Operating outside this voltage range may cause irreversible damage to the product.
2. Maximum output power: $\leq 150\text{W}$ at 12V / $\leq 200\text{W}$ at 24V. Only connect devices within the rated power limits.
3. Ensure the inverter operates in a well-ventilated environment. Prolonged use in enclosed spaces may cause irreversible damage to the product.



Operating Instructions

1. Start the vehicle engine and ensure it operates in a stable condition. Insert the inverter's car charger plug into the vehicle's cigarette lighter port.
2. The display will activate automatically, showing the real-time battery voltage upon connection.
3. To power digital devices:
 - Option 1:** Connect devices to the USB/Type-C ports using compatible cables.
 - Option 2:** Directly insert devices into the Type-C retractable cable to initiate fast charging automatically.
4. For AC-powered devices:
 - a. Rotate and open the upper housing.
 - b. Press and hold the internal power button.
 - c. When the indicator illuminates, insert the device plug into the AC outlets.
 - d. Normal operation begins immediately.

Material Contents

Component Names	Hazardous Substances					
	pb	Hg	Cd	Cr VI	PBB	PBDE
PCB	×	○	○	○	○	○
Electrodes	○	○	○	○	○	○
Metal Components	×	○	○	○	○	○
Housing	○	○	○	○	○	○

This table is prepared in accordance with SJ/T 11364.

○: Indicates that the content of the restricted substance(s) in all homogeneous materials of this part is below the threshold defined in GB/T 26572.

×: Indicates that the content of the restricted substance(s) in at least one homogeneous material of this part exceeds the threshold of GB/T 26572.

Parts marked "X" are exempt due to technical limitations in global substitution feasibility.

This product complies with the EU RoHS 2.0 Directive (65/2011/EU).



This logo must be displayed on electronic information products sold within the People's Republic of China. The numeric value within the circular logo indicates the product's environmental tally safe usage period under normal operating conditions.

Material Contents

- 1. Vehicle Usage:** Only connect charging devices after the engine is started to ensure a stable voltage supply.
- 2. Compatible Vehicles:** Designed exclusively for 12V/24V battery systems (non-hybrid/EV).

3. **Power Management:** Never charge devices exceeding the rated power capacity. Unplug devices immediately after use to prevent standby power drain.
4. **Environmental Conditions:** Strictly avoid high-humidity environments and thunderstorms.
5. **Cleaning Protocol:** Prohibit the use of abrasive or chemical cleaners. Use only a dry microfiber cloth for cleaning.
6. **Physical Protection:** Avoid impacts or drops (IP42 impact rating not guaranteed against misuse).
7. **Optimal Charging Advisory:** For safe, fast charging, exclusively use manufacturer-certified or USB-IF compliant cables.

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 <https://www.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:

<https://www.powerology.me/warranty>

Contact Us

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

Website: <https://www.powerology.me/>

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