



Powerology

PD20W QC18W Type-C Retractable Car Charger

SKU: PCCSR018

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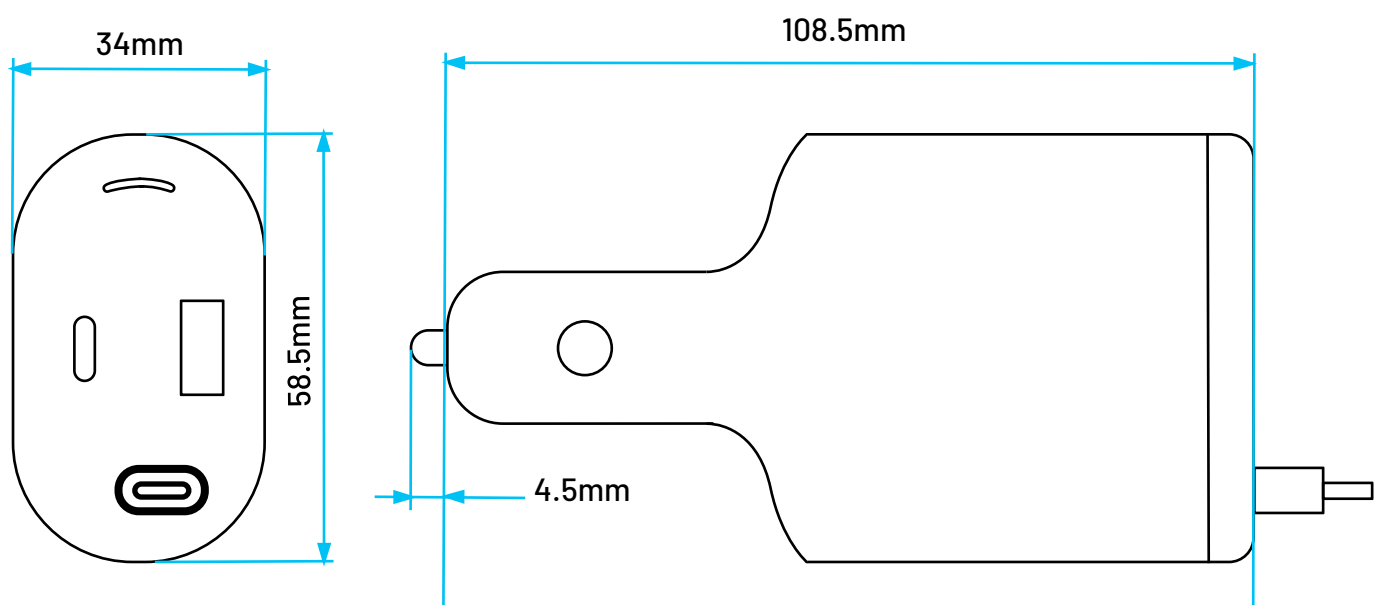
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Before installing and using the product, please carefully read this User Manual to guarantee correct usage and keep it secure for future reference.

Features

1. Simultaneous charging feature allows multiple devices to be charged at the same time without affecting the charging speed.
2. Equipped with advanced safety features to protect against overcharging, overheating, and short circuits.
3. Features a unique, legally protected design that enhances functionality and usability.
4. Capable of rapidly charging a device from 0 % to 60 % battery level in just 30 minutes.
5. Incorporates Qualcomm Quick Charge 3.0 technology for efficient charging up to 18W.
6. Delivers a high total power output of 58 watts, suitable for charging high-power devices efficiently.
7. The output configuration includes parallel 0.1 μ F and 10 μ F capacitors, which limit the oscilloscope bandwidth to 20MHz. The measured ripple is less than 200mV.

Dimensions



Protection Function

1. Overcurrent Protection:

The car charger will cease functioning when the current exceeds the threshold for overcurrent protection.

USB-A: 5V/3A---3.6A, 9V/2A---3.6A, 12V/1.5A---3.6A

Type-C: 5V/3A---3.6A, 9V/2.22A---2.6A, 12V/1.67A---2.0A

Type-C cable: 5V/3A---3.6A, 9V/2.22A---2.6A, 12V/1.67A---2.0A

2. Overtemperature Protection:

The car charger operates correctly when the temperature remains below 70°C.

3. Short-circuit Protection:

In the event of a short-circuit, short-circuit protection is activated, and the output voltage is reduced to 0V. The output voltage is automatically restored once the short-circuit is resolved.

Specifications

Input Voltage	DC 12V-24V
Input Current	Max 5A
USB-C Output	20W 5V/3A, 9V/2.22A, 12V/1.67A
USB-A Output	18W 5V/3A, 9V/2A, 12V/1.5A
Integrated Type-C	20W 5V/3A, 9V/2.22A, 12V/1.67A
Cable Length	1m PVC Cable
Total Power Output	58W (20W + 18W + 20W)
Storage Humidity	5 % to 95 % RH
Storage Temperature	-20°C to 50°C
Working Humidity	35 % to 85 % RH
Working Temperature	0°C to 40°C

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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