



Powerology

PD65W QC18W Type-C Retractable Car Charger

SKU: PCCSR019

Table of Contents

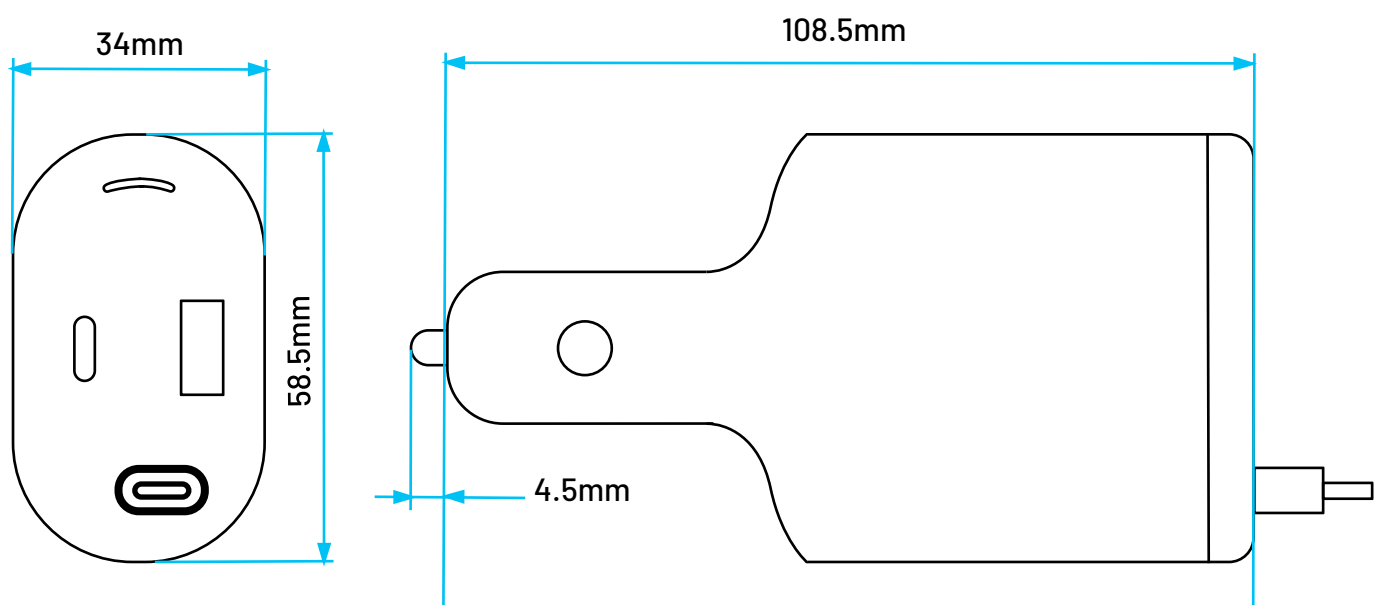
Features	2
Dimensions	2
Protection Function	3
Specifications	3
Warranty	4
Contact Us	4

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 for the charging of multiple devices at once without a reduction in charging efficiency.
2. Equipped with comprehensive safety mechanisms to protect devices from overcharging, overheating, and electrical short circuits.
3. Capable of charging devices from 0 % to 60 % within just 30 minutes, demonstrating rapid charging capabilities.
4. Integrates Qualcomm Quick Charge 3.0 technology, enabling efficient charging at a power output of 18W.
5. Offers a robust total power output of 103 watts, suitable for simultaneously powering multiple high-demand devices.
6. Features a unique, legally protected design that enhances functionality and usability.
7. The output configuration includes parallel $0.1\mu\text{F}$ and $10\mu\text{F}$ 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/3A---3.6A, 12V/3A---3.6A

Type-C: 5V/3A---3.7A, 9V/3A---3.7A, 12V/3A---3.7A, 15V/3A---3.7A, 20V/3.25A---3.9A

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 10A
USB-C Output	65W 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A
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	103W (65W + 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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