

CIO CIO-G100W1C-N2

CIO NovaPort SOLO II 100W USB-C PD Charger User Manual

Model: CIO-G100W1C-N2 | Brand: CIO

INTRODUCTION

Thank you for purchasing the CIO NovaPort SOLO II 100W USB-C PD Charger. This compact and powerful charger is designed to provide efficient and safe charging for a wide range of devices, from smartphones and tablets to laptops. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's lifespan.

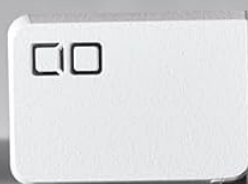
PRODUCT FEATURES

- **Maximum 100W USB-C PD Output:** Capable of charging high-power devices like the Apple MacBook Pro (14-inch) and Windows laptops, as well as smartphones and tablets.
- **Ultra-Compact Design:** Achieves a significantly smaller size and lighter weight compared to conventional 100W single-port USB chargers, making it highly portable.
- **NovaEngine Technology:** Utilizes next-generation GaN (Gallium Nitride) chips to reduce energy loss and improve conversion efficiency, suppressing heat generation for stable and fast charging.
- **NovaSafety 2.0 Protection:** Continuously monitors product temperature and automatically adjusts power output during high load or high-temperature conditions to prevent overheating and component degradation, ensuring safe and comfortable charging.
- **Durable Textured Finish:** Features a scratch-resistant textured surface, similar to a single-lens reflex camera body, to maintain a pristine appearance over time.
- **Full-Flat Plug Design:** The plug side is designed to fit snugly against the wall outlet, improving stability when plugged in.

高出力×世界最小級の実現

一般的な100Wクラスの充電器と比較して

体積 **63%減** 重量 **59%減**



65Wでは足りない時代のスタンダード NovaPort SOLO II 100W

現在、モバイルデバイスやノートPCの充電事情は進化を続けています。AI処理、4K・8K出力、動画編集など高性能化が進むPCに対し、ただ“充電できる”だけでは対応しきれない場面が増えてきました。加えて、USB-Cの普及により、スマホやゲーム機、タブレットまでもが高出力の恩恵を受ける時代。いま求められているのは、「本当に使える100W」です。NovaPort SOLO II 100Wは、こうしたニーズに応えるために生まれました。CIOが培ってきた回路設計と制御技術、そしてユーザー理解をもとに、ただ高出力だけでなく、持ち運びやすく、日常で使い倒せるという観点から設計された100W充電器です。

Image: The CIO NovaPort SOLO II 100W USB-C PD Charger in black, showcasing its compact design.

ひとつのデバイスに、
100W の高出力。
だから速い。

100w
MaxOutput
USB-C × 1

Image: An overview of the NovaPort SOLO II 100W charger's key features, including compact size, 100W output, NovaSafety 2.0, PC charging capability, and durable design.

65Wサイズの100W

それは、これまでにない選択肢。

NovaPort SOLO II 100Wは、一般的な65Wクラスの充電器とほぼ同等サイズながら、より高出力な100W対応を実現。手のひらに収まるサイズ感で「本当にこれで100W？」と驚く方も少なくありません。パワーも、携帯性も、どちらも妥協しない——そんな新しい選択肢です。



※左：NovaPort SOLO II 100W、右：NovaPort TRIO II 67W3C。

重量は左：約121gに対し、右：約113g。

Image: The CIO NovaPort SOLO II 100W charger held in a hand, demonstrating its ultra-compact size compared to a typical 65W charger.



Nova
Safety2.0

より安心できる充電器へ 進化した NovaSafety2.0

製品温度を常に監視し、製品高負荷時に自動的に
電力調整を行い、発熱を自動コントロールします。
温度管理を行うことで、より安心して
長くご使用いただけることを目指しました。

※本製品はNovaSafety2.0を搭載しており、内部温度が一定以上に達した際、
自動的に出力を最適化（例：最大約65W、高負荷時は約30分～40分前後で作動）する設計です。
これは高温による部品劣化を防ぎ、製品寿命と安全性を高めるための保護機構です。

Image: A diagram illustrating the NovaSafety 2.0 chip, highlighting its role in advanced safety protection and temperature management.

PACKAGE CONTENTS

- CIO NovaPort SOLO II 100W USB-C PD Charger
- User Manual (this document)

SAFETY INFORMATION AND PRECAUTIONS

To ensure safe operation and prevent damage to the product or connected devices, please observe the following precautions:

- Do not disassemble, modify, or repair the product yourself.
- Avoid exposing the product to water, moisture, or extreme temperatures.
- Do not drop, impact, or apply excessive force to the product.
- Keep out of reach of children.
- Ensure the charger is properly plugged into a compatible wall outlet.
- The NovaSafety 2.0 function automatically adjusts power output based on internal temperature. While this ensures safety, continuous full 100W output may be limited in specific, high-demand scenarios (e.g., industrial use or electronic load testing requiring constant 100W). For typical daily use with laptops and smartphones, this adjustment will not noticeably affect charging speed.

SETUP

1. **Unpack the Charger:** Carefully remove the CIO NovaPort SOLO II 100W charger from its packaging.
2. **Connect to Power Outlet:** Extend the foldable plug and insert the charger firmly into a standard AC wall outlet (100-240VAC, 50-60Hz).
3. **Connect to Device:** Use a compatible USB-C to USB-C cable (not included) to connect the charger's USB-C port to your device's charging port.



フルフラットデザイン

プラグをコンセントに差し込んだ時の
フィット感を向上させるデザインを採用。

Image: The CIO NovaPort SOLO II 100W charger with its full-flat plug design, shown plugged into a wall outlet.

OPERATING INSTRUCTIONS

The CIO NovaPort SOLO II 100W charger is designed for simple plug-and-play operation. Once connected, it will automatically detect your device's charging requirements and deliver the optimal power output.

- **Charging Process:** When your device is connected, charging will begin automatically. The charger supports Power Delivery (PD) for fast charging compatible devices.
- **Power Output Adjustment (NovaSafety 2.0):** The charger's NovaSafety 2.0 technology monitors its internal temperature. If the temperature rises due to high load, the charger may temporarily reduce its output to prevent overheating and ensure safety. This is a normal function and helps prolong the product's lifespan. For most devices, especially laptops, the initial high power demand decreases after a certain period, so this adjustment typically does not impact overall charging speed significantly.
- **Foldable Plug:** For portability, the AC plug can be folded into the charger body when not in use.

ひとつのデバイスに、
100W の高出力。
だから速い。

100w
MaxOutput
USB-C × 1



Image: The CIO NovaPort SOLO II 100W charger connected via a USB-C cable to a laptop, demonstrating its use for high-power device charging.

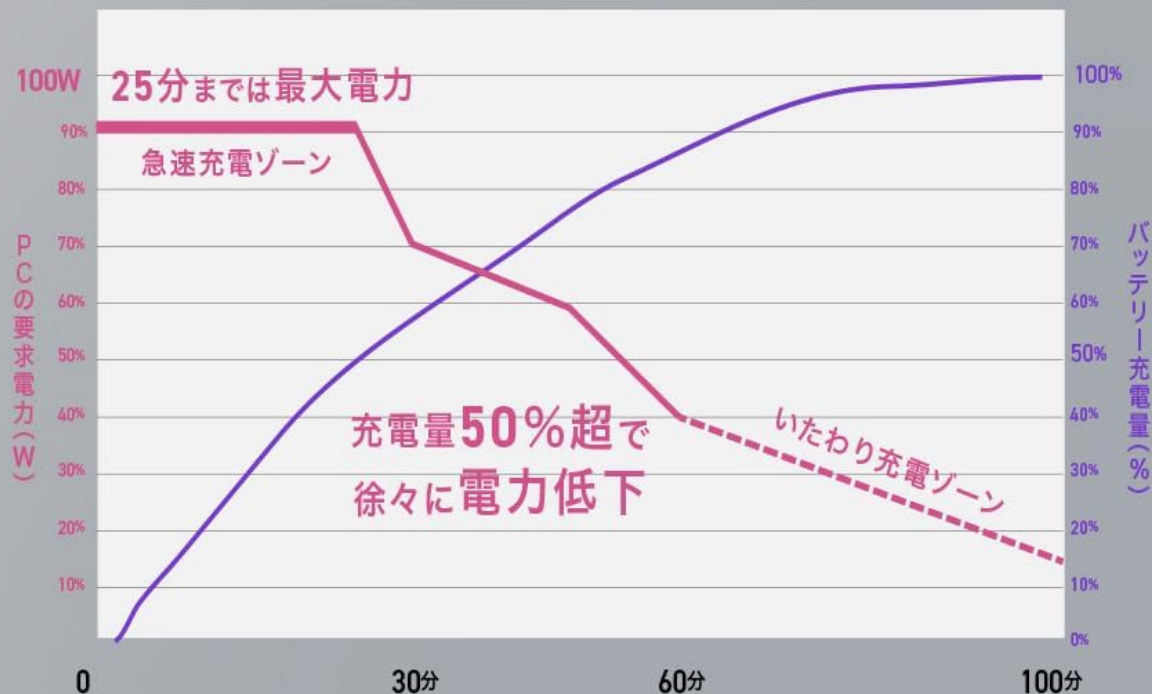
PD充電時のノートPCの電力要求

傾向に合わせて温度と出力を調整

最大100W級のPD充電対応ノートPCは、基本的に
バッテリー充電量の増加と共に要求電力が低下します。



本製品は放熱に不利な超小型機種のため、出力制御を導入。
PD充電の傾向に合わせ、は最大出力、その後は出力を
60～65W程度に抑制。安全性と製品寿命に配慮します。



100W級PCの充電イメージ

Image: A graph illustrating the charging curve of the NovaPort SOLO II 100W, showing how power output adjusts over time to manage temperature and optimize battery health, particularly for 100W class laptops.

MAINTENANCE

- **Cleaning:** Disconnect the charger from the power outlet and all devices before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures. Fold the plug for compact storage.
- **Cable Care:** Avoid bending or twisting the charging cable excessively, as this can damage the internal wires.



傷がつきにくいシボ加工

綺麗な状態で長くご愛用していただけるように、
表面素材は細かな傷が付きにくいシボ加工を
施しています。

Image: A close-up view of the scratch-resistant textured surface of the CIO NovaPort SOLO II charger, designed for durability and aesthetic longevity.

Problem	Possible Cause	Solution
Device not charging.	Charger not properly plugged in. Cable is damaged or incompatible. Device is not compatible with USB PD.	Ensure the charger is firmly plugged into the wall outlet. Try a different USB-C cable. Verify your device supports USB Power Delivery.
Slow charging speed.	Device does not support high-speed charging. Cable is not rated for high power. Charger is operating under high temperature (NovaSafety 2.0 activated).	Ensure your device and cable support USB PD and the required wattage. Allow the charger to cool down if it feels warm. This is a safety feature.
Charger feels hot.	Normal operation under high load. Poor ventilation.	The NovaSafety 2.0 system manages heat. If it becomes excessively hot, it will reduce power. Ensure the charger is in a well-ventilated area.
Power output fluctuates or stops for a few seconds.	NovaSafety 2.0 adjusting power. Device power demand changes.	This is normal behavior for the NovaSafety 2.0 system to protect the charger and device. For specific applications requiring constant 100W output (e.g., electronic load devices, industrial use), this charger may not be suitable. It is recommended to use the original charger for such specialized uses.

NovaSafety2.0による電力抑制時、充電できないケースがあります

100WPCで高負荷のかかる作業を実施する場合



グラフィックに凝った
ゲームをプレイ



動画編集や
エンコード



複数のアプリやバック
グラウンド処理を併用

常時100Wの出力を要求する機器に使用する場合



常時100Wの電力が
必要なPC作業



電子負荷装置での
計測実験



工業用途

上記のような用途の場合、純正充電器の使用を推奨します

Image: A diagram illustrating specific scenarios where the NovaSafety 2.0 feature might suppress power output, such as high-load tasks on 100W PCs (gaming, video editing, multiple apps) or devices requiring constant 100W (electronic load testing, industrial use). For these cases, using the original charger is recommended.

Feature	Detail
Brand	CIO
Model Number	CIO-G100W1C-N2
Product Size	Approx. 57 x 40 x 29 mm
Product Weight	Approx. 121 grams
Connector Type	USB Type C
Total USB Ports	1
Input Voltage	100-240VAC, 50-60Hz, 2.5A
Output (USB-C)	5V=3A / 9V=3A / 12V=3A / 15V=3A / 20V=5A (Max 100W)
Output (PPS)	5-11V=5A (Max 55W)
Wattage	100 W
Color	Black
Special Features	Foldable plug, Lightweight design, High-speed charging
Compatible Devices	Game consoles, Smartphones, Tablets, Laptops (e.g., MacBook Pro 14-inch, Type-C compatible Lenovo/Let's note FV series)
Included Components	User Manual
Country of Origin	China

製品仕様

NovaPort SOLO II 100W



型番	CIO-G100W1C-N2
製品サイズ	約57×40×29mm
重量	約121g
ポート数	USB-C×1
入力	100-240VAC 50-60Hz 2.5A
出力	USB-C:5V≒3A/9A≒3A/12V≒3A/ 15V≒3A/20V≒5A(Max 100W) PPS:5-11V≒5A(Max 55W)
カラー	ブラック・ホワイト
付属品	取扱説明書

Image: A visual representation of the product specifications for the CIO NovaPort SOLO II 100W charger, including model number, dimensions, weight, port type, input/output, and color.

WARRANTY AND SUPPORT

CIO, as a Japanese manufacturer, provides reliable support for product malfunctions. If you encounter any initial defects

or product malfunctions during use, please contact us first. Providing your order number will help us assist you smoothly.

Charger Recycling Service: CIO promotes appropriate recycling and disposal of chargers. As part of this initiative, we offer a collection service for unwanted AC chargers. This service applies to all chargers manufactured by CIO, as well as products from other companies. If you are considering replacing your AC charger, please apply via our official HP. We will issue a coupon for a discounted purchase. Through this recycling service, we aim to reuse products and resources, making it easier for you to experience the latest products, thereby making life more convenient and allowing more people to experience excitement, contributing to a sustainable society.

For further assistance or inquiries, please visit the official CIO website or contact our customer support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question