

Intoval K44

Intoval 140W 8-Port Charging Station User Manual

Model: K44

INTRODUCTION

Thank you for choosing the Intoval 140W 8-Port Charging Station. This device is designed to provide efficient and safe charging for a wide range of electronic devices, including laptops, smartphones, tablets, and more. Featuring advanced GaN technology and NanoPulse Monitoring, it ensures optimal power delivery and protection. Please read this manual thoroughly before using the product to ensure proper operation and longevity.



Figure 1: Intoval 140W 8-Port Charging Station (Model K44).

PACKAGE CONTENTS

Please verify that all items are present in your package:

- Intoval 140W GaN Wall Charger (with 8 ports)
- User Guide (this manual)
- Power Cable

PRODUCT FEATURES

- **Unrivaled Multi-Device Charging:** Delivers a powerful 140W total output (up to 65W on a single port) across 8 devices simultaneously.
- **Compact Design:** Ideal for domestic travels, road trips, and family outings, providing ample ports without bulk.
- **Precise Power Allocation:** Intoval's advanced charging recognition ensures devices receive optimal power.
- **Enhanced Safety with NanoPulse:** NanoPulse Monitoring technology provides instantaneous detection and advanced protection for reliable and secure charging.
- **Universal Compatibility:** Supports a broad range of charging protocols (PPS, PD3.0, QC4+, and more), compatible with over 1,000 devices.
- **Eco-Friendly Standby:** Designed to consume minimal power when not actively charging.

8 Ports Fast Charging 4C & 4A

Powered by GaN 5

140W

Total Max Output

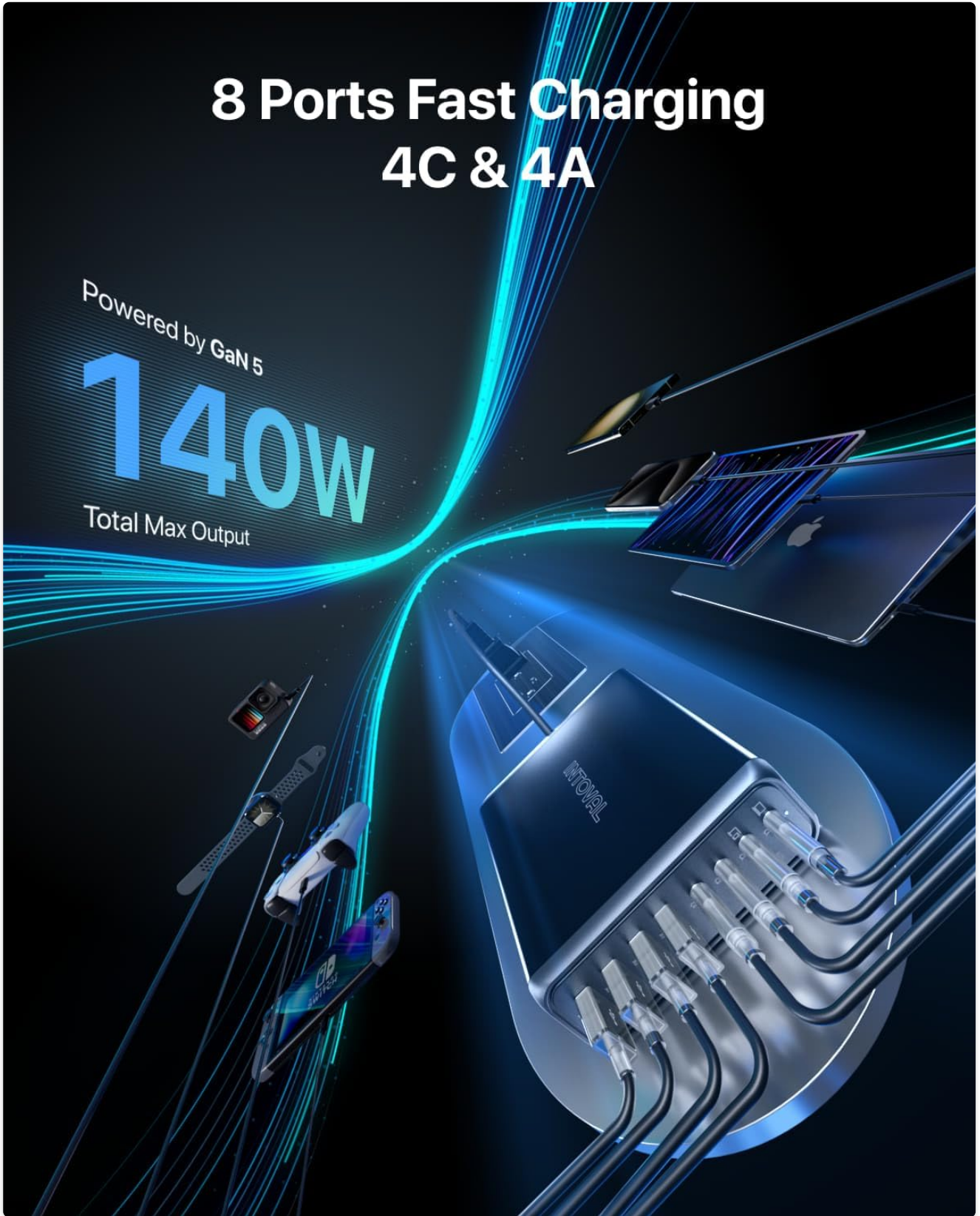


Figure 2: High-power, multi-device charging capability.

SETUP GUIDE

1. **Unpack the Charger:** Carefully remove the Intoval 140W 8-Port Charging Station and its power cable from the packaging.
2. **Connect Power Cable:** Insert the included power cable into the AC input port on the back of the charging station.
3. **Plug into Wall Outlet:** Plug the other end of the power cable into a standard 100-240V AC wall outlet. Ensure

the outlet is easily accessible.

4. **Placement:** Place the charging station on a stable, flat surface away from direct sunlight, heat sources, and liquids. Ensure adequate ventilation around the unit.



Figure 3: Compact design for easy placement.

OPERATING INSTRUCTIONS

Connecting Devices:

The Intoval 140W Charging Station features 4 USB-C ports and 4 USB-A ports. Each port is labeled with its maximum individual output wattage.

- **USB-C Ports (C1-C4):**

- C1: Up to 65W (ideal for laptops like MacBook)
- C2: Up to 20W
- C3: Up to 20W
- C4: Up to 20W

- **USB-A Ports (A1-A4):**

- A1-A4: Up to 18W each

To charge a device, simply connect your device's charging cable to the appropriate USB-C or USB-A port on the charging station. The station will automatically detect your device and deliver the optimal charging power.

Fast Charging for Laptops

Single Port

0% → 70%

60 mins

Macbook Air 14" (2021)

65W



Note: This charger supports one laptop at a time

Figure 4: Fast charging for laptops (up to 65W on a single port).

Simultaneous Charging:

The Intoval 140W Charging Station can charge up to 8 devices simultaneously with a total output of 140W. The intelligent power allocation system ensures that each connected device receives the necessary power without overcharging or overheating.

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Video 1: Demonstration of the Intoval 140W charger simultaneously charging multiple devices, including a power bank, two Nintendo Switches, a Steam Deck, and an iPhone. The video highlights the convenience and efficiency of charging several high-power devices

MAINTENANCE AND CARE

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosol sprays.
- **Storage:** When not in use for extended periods, store the charger in a cool, dry place away from extreme temperatures.
- **Handling:** Avoid dropping or subjecting the charger to strong impacts. Do not disassemble or attempt to repair the unit yourself.
- **Ventilation:** Ensure the charger has adequate airflow around it during operation to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not charging.	Loose connection, faulty cable, device not compatible, power outlet issue.	Ensure cables are securely connected. Try a different cable. Verify device compatibility. Test the power outlet with another device.
Slow charging.	Cable quality, device's charging protocol, multiple high-power devices connected.	Use a high-quality cable. Ensure your device supports fast charging protocols (PD, QC). If charging multiple devices, power distribution may reduce individual port speed. Try using a higher wattage USB-C port (C1) for demanding devices.
Charger feels warm.	Normal operation, heavy load, insufficient ventilation.	It is normal for the charger to feel warm during heavy use. Ensure it is placed in a well-ventilated area. If it becomes excessively hot, disconnect immediately and contact support.

SPECIFICATIONS

Feature	Detail
Model Number	K44
Total Max Output	140W
USB-C Ports	4 (C1: 65W, C2-C4: 20W each)
USB-A Ports	4 (A1-A4: 18W each)
Product Dimensions	3.9 x 3.5 x 1.2 inches
Item Weight	15.2 ounces
Input Voltage	100-240V AC
Technology	GaN, NanoPulse Monitoring
Compatible Devices	iPhones, Samsung Phones, Samsung Tablets, Google Phones, Sony Phones, MacBooks, Laptops, etc.

WARRANTY AND SUPPORT

The Intoal 140W 8-Port Charging Station comes with an unmatched **24-month warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use.

For technical support, warranty claims, or any inquiries, please contact Intoal customer service. Lifelong technical support is provided for this product.

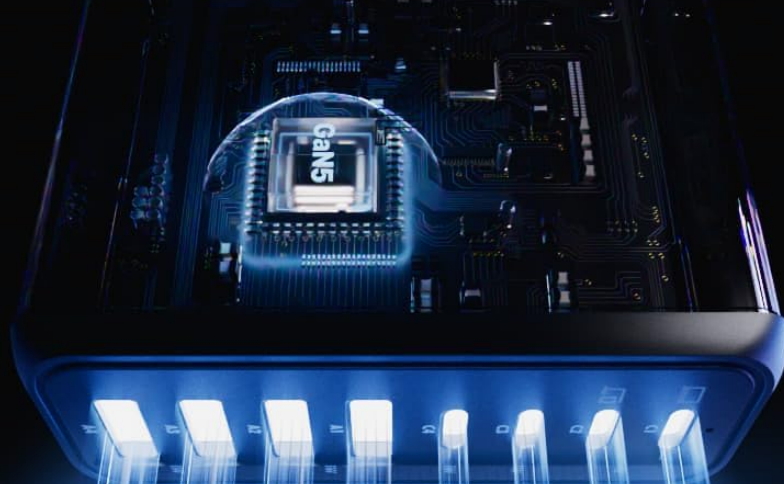
You can visit the official Intoal store for more information and product registration: [Intoal Store on Amazon](#)

SAFETY INFORMATION

- Do not expose the charger to water or excessive humidity.
- Do not operate the charger if it has been damaged in any way.
- Keep out of reach of children.
- Use only the provided power cable.
- Avoid extreme temperatures.

Charging Safety Redefined

Introducing NanoPulse Monitoring™



Monitors Current & Voltage




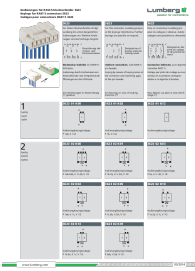


3,600,000+

Per SECOND



Figure 5: NanoPulse Monitoring technology for enhanced safety.

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