



Monoprice™
4-Port 240 W GaN Charger with USB-C and AC Conversion

P/N **45242**
User Manual

THANK YOU FOR PURCHASING THIS PRODUCT

For optimum performance and safety, please read these instructions carefully before connecting, operating, or using this product.

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. Do not place drinks or other containers with moisture on or near the device.
- Do not touch the device, the power cord, or any other connected cables with wet hands.
- Do not expose this device to excessive vibration. Do not subject the product to extreme force, shock, or fluctuations in temperature or humidity.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near heat sources, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Do not place or install this device in an area where it can be exposed to excessive amounts of dust, humidity, oil, smoke, or combustible vapors.
- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- Before plugging the unit into a power outlet, ensure that the outlet provides the same type and level of power required by the device.
- Unplug this device from the power source when not in use.
- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.
- Never unplug the unit by pulling on the power cord. Always grasp the connector head or adapter body.
- Clean using a soft, dry cloth only. Do not use chemical cleaners, solvents, or detergents. For stubborn deposits, moisten the cloth with warm water.
- This device has no user-serviceable parts. Do not attempt to open, service, or modify this device.

TABLE OF CONTENTS

SAFETY WARNINGS AND GUIDELINES.....	2
INTRODUCTION.....	3
FEATURES.....	3
PACKAGE CONTENTS.....	4
PRODUCT OVERVIEW.....	4
OPERATION.....	4
Procedures.....	4
Notes.....	5
SPECIFICATIONS.....	6
CUSTOMER SERVICE.....	8
TECHNICAL SUPPORT.....	8
REGULATORY COMPLIANCE.....	8
Notice for FCC.....	8
Notice for ISED Canada.....	9
DISPOSAL AND RECYCLING INFORMATION.....	9

INTRODUCTION

This high-performance travel charger combines functionality with a sleek, modern design. Equipped with four USB output ports, it enables simultaneous charging of up to four devices, ensuring convenience and efficiency on the go. The USB-C ports support the latest PD 3.1 technology, delivering fast and reliable power for compatible devices. Its innovative design enhances both simplicity and ease of use, making it an ideal companion for travel or daily use.

FEATURES

- Built-in chip supports a broad input voltage range of 100-240 VAC
- Features four USB-C output ports for simultaneous charging of multiple devices (*refer to **Specifications** table below for output information*)
- Precise current limiting and overcurrent protection
- Overload and overvoltage protection
- Short circuit protection
- Overheating protection with automatic recovery
- Fully compliant with UL, FCC, DOE, CEC, and NRCAN standards
- Constructed with precision electrical components, high-quality circuitry, and durable fire-resistant materials

- Compact design ensures ease of use and convenience for travel
- Specifically designed to provide optimal performance for USB-C supported devices

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice™ Customer Service for a replacement.

- 1x 4-Port 240 W GaN Charger
- 1x AC Power Cord (5 feet)
- 1x User Manual

PRODUCT OVERVIEW



OPERATION

Procedures

1. Insert the AC connector of the power adapter into the power station's input port. Then, plug the other end of the adapter into a wall outlet.
2. Plug one end of the USB cable into a port on the charger, and the other end into your electronic device (e.g., iPhone, smartphone, tablet, or PC).

3. Once your device is fully charged, unplug the USB cable from both the charger and the electronic device.

Notes

1. For optimal performance and safety, always use the power station as outlined in this user manual.
2. Ensure the power adapter is plugged into a socket with a voltage range of 100-240 VAC.
3. Always unplug the power adapter from the outlet after use to prevent unnecessary power consumption or potential hazards.

Note: While the product includes protection features, the above steps are additional safety recommendations.

4. Only use the power station with devices that meet its compatibility specifications to prevent damage or performance issues.
5. It is normal for the power adapter and power station to become slightly warm during use.
6. If the power station stops working due to overcurrent, overheating, or short circuit protection, unplug the device and wait for it to automatically reset. Afterward, verify that your device is compatible with the charger.
7. Do not place the power station near heat sources such as stoves, candles, or open flames.
8. Do not expose the power station to liquids such as those in swimming pools, bathtubs, or other water sources.
9. Never clean the power station with corrosive or abrasive substances.
10. If the power station is not functioning properly, contact your local store or distributor for support and service.

SPECIFICATIONS

Input/Output	
Input	100-240 VAC 50/60 Hz
Output	Single-port: <u>C1/C2/C3/C4:</u> 5 V / 3 A, 9 V / 3 A, 12 V / 3 A, 15 V / 3 A, 20 V / 5 A, 28 V / 5 A <u>Total:</u> 140 W Max (PPS: 5-11 V / 5 A, 45 W Max) Dual-port: <u>C1+C2 / C3+C4:</u> 100 W + 40 W / 40 W + 100 W / 70 W + 70 W <u>Total:</u> 140 W Max 70 W / 100 W (PPS: 5-11 V / 5 A, 45 W Max) 40 W (PPS: 5-11 V / 3 A, 30 W Max) <u>C1+C3 / C1+C4 / C2+C3 / C2+C4:</u> 140 W + 100 W <u>Total:</u> 240 W Max 100 W / 140 W (PPS: 5-11 V / 5 A, 45 W Max) Three-port: <u>C1+C2+C3 / C1+C2+C4:</u> 70 W + 70 W + 100 W / 100 W + 40 W + 100 W / 40 W + 100 W + 100 W <u>Total:</u> 240 W Max 70 W / 100 W (PPS: 5-11 V / 5 A, 45 W Max) 40 W (PPS: 5-11 V / 3 A, 30 W Max) <u>C2+C3+C4 / C1+C3+C4:</u> 140 W + 60 W + 40 W / 140 W + 40 W + 60 W / 140 W + 50 W + 50 W <u>Total:</u> 240 W Max 140 W (PPS: 5-11 V / 5 A, 45 W Max) 40 W / 50 W / 60 W (PPS: 5-11 V / 3 A, 30 W Max) All-port: <u>C1+C2+C3+C4:</u> 100 W + 40 W + 60 W + 40 W / 100 W + 40 W + 40 W + 60 W / 100 W + 40 W + 50 W + 50 W / 70 W + 70 W + 50 W + 50 W / 70 W + 70 W + 60 W + 40 W / 70 W + 70 W + 40 W + 60 W / 40 W + 100 W + 40 W + 60 W / 40 W + 100 W + 60 W + 40 W / 40 W + 100 W + 50 W + 50 W <u>Total:</u> 240 W Max 70 W / 100 W (PPS: 5-11 V / 5 A, 45 W Max) 40 W / 50 W / 60 W (PPS: 5-11 V / 3 A, 30 W Max)

Protection	
Overcurrent	Yes
Short Circuit	Yes
Overheating	Yes
Overvoltage	Yes
Performance	
Ripple and Noise	$\leq 380 \text{ mV}$
Turn-on Delay Time	3 s Max
Rise Time	50 ms
Efficiency	$\geq 86\%$ (28 V / 5 A) $\geq 86\%$ (5 V / 3A + 5 V / 3 A + 5 V / 3 A + 5 V / 3 A) $\geq 86\%$ (20 V / 3.5 A + 20 V / 3.5 A + 20 V / 2.5 A + 20 V / 2.5 A)
Mechanical	
Color	Black
Size	4.8" x 3.5" x 1.4" (122 x 88 x 35 mm)
Weight	18.9 oz (535 g)
Accessory	
User Manual	English
Environmental	
Operating Temperature Range	32~86 °F / 0~30 °C
Storage Temperature Range	-4~185 °F / -20~85 °C
Operating Relative Humidity	20~90% RH
Storage Relative Humidity	5~95% RH
Operating Altitude	0~3.1 mi (0~5000 m)
Storage Altitude	0~9.3 mi (0~15000 m)
Certifications	UL, FCC, DOE, CEC, NRCAN
Limited Warranty	1 Year

CUSTOMER SERVICE

The Monoprice™ Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problems with your order, please give us an opportunity to make it right. You can contact a Monoprice™ Customer Service representative through the Live Chat link on our website **www.monoprice.com** or via email at **support@monoprice.com**. Check the website for support times and links.

TECHNICAL SUPPORT

Monoprice™ is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website **www.monoprice.com** or through email by sending a message to **tech@monoprice.com**. Check the website for support times and links.

To download the latest drivers, firmware, manuals, etc., go to **www.monoprice.com** and type **45242** into the search bar. If available, support files are linked at the bottom of the product page.

REGULATORY COMPLIANCE

Notice for FCC



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice for ISED Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

DISPOSAL AND RECYCLING INFORMATION



The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electrical and electronics products via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your unwanted product, please contact your local authorities, waste disposal service, or the shop where you purchased the product.



TECHNOLOGY AT PRICES THAT MAKE SENSE

www.monoprice.com

Need Help? We're here for you!

Contact us: www.monoprice.com/contactus

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