POWERTECH

MP3427

Dual USB Type-C & A Mains Power Adaptor
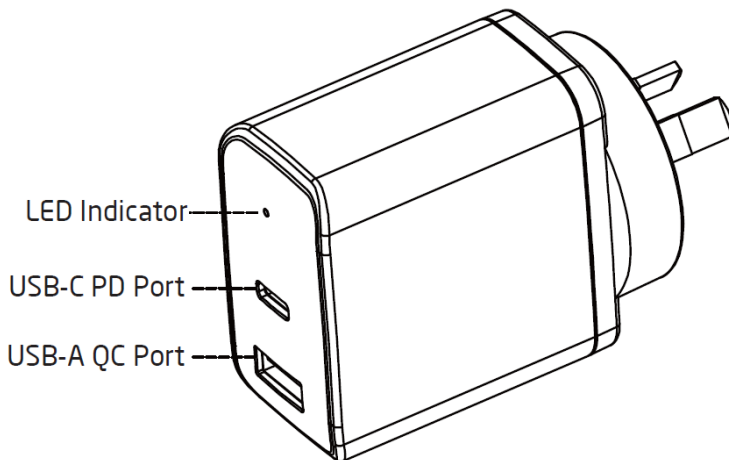

Instruction Manual

INTRODUCTION:

Please read this manual carefully. It contains important operating instructions. Please keep this manual for later reference. This 45W charger supports Power Delivery specifications, can charge up to 45W PD enabled device. Powered by GaN Technology, this charger is much smaller than other chargers, extremely compact to accompany you wherever you go.

PRODUCT SPECIFICATIONS:

Input:	100-240V AC 50-60Hz
Output 1 (USB-C PD):	5.0/9.0/12.0/15.0V DC 3.0A, 20.0VDC 2.25A; 45.0W max.
Output 2 (USB-A QC):	5.0V DC 3.0A, 9.0V DC 2.0A, 12.0V DC 1.5A; 18.0W max.
USB-C + USB-A:	30.0W + 15.0W
Total Output:	45.0W max.
Operation conditions:	0 to +25ºC, 10 - 90% RH
Storage conditions:	-10 to +55ºC, 5 − 95% RH

OVERVIEW:

LED Indicator

USB-C PD Port

USB-A QC Port

FEATURES:

- Worldwide use - Universal input voltage 100-240V AC, 50-60Hz
- Fast charges 2 USB enabled devices (USB-C PD & USB-A) at the same time
- [USB-C PD port] Works with a wide range of laptops as it provides five power levels, also compatible with the tablets, smartphones, game consoles such as:
  - (Laptops) Apple MacBook Air, Chromebook Pixel and more
  - (Smartphones) iPhone 11~14/ mini/ Pro/ Pro Max/ iPhone XE/ XS Max/ XS/ XR/ X/ 8/ 8 Plus, Samsung Galaxy S23/ S22/ S21/ Note20/ Note10/ Note9, Google Pixel 5/ 4a/ 4 XL and more
  - (Tablets) iPad Pro, iPad Air, iPad mini, Samsung Galaxy Tab S7/S6 and more
  - (Game Consoles) Nintendo Switch™ and more
- [USB-A QC port] Equipped with SMART charging IC for Auto Detection, it will detect the best charging mode and start charging your device automatically. Compatible with most of the tablets & smartphones
- Compact size, lightweight & portable
- High efficiency & low energy consumption
- Stabilized output & low ripple
- With LED power indicator
- With Short circuit protection (SCP) & Overload protection (OLP)
- Comply to energy efficiency level VI requirement

CHARGING YOUR TYPE-C DEVICES:

Important: Check for voltage compatibility with your Type-C device first

1. Before using, check your Type-C device's input voltage and this adaptor's [USB-C PD] output voltage if they can match. Make sure the total loading does not exceed the rated output current of this adaptor.
2. Connect your device and the Type-C port of this adaptor via charging cable. (To ensure complete safety and best performance, we strongly recommend using the original charging cable of your device)
3. Plug this adaptor into wall outlet (100-240V AC) and the LED indicator will light on instantly. The built-in switching power transformer will adjust the voltage automatically.
4. This adaptor will detect the best charging mode and start charging your device automatically.
5. Your digital device should indicate it is now in charging mode.
6. Please unplug this adaptor from wall outlet when not in use.

CHARGING YOUR USB DEVICES:

Important: Check for voltage compatibility with your USB device first

1. Before using, check your USB device's input voltage and this adaptor's [USB-A] output voltage if they can match. Make sure the total loading does not exceed the rated output current of this adaptor.
2. Connect your device and the USB-A port of this adaptor via charging cable. (To ensure complete safety and best performance, we strongly recommend using the original charging cable of your device)
3. Plug this adaptor into wall outlet (100-240V AC) and the LED indicator will light on instantly. The built-in switching power transformer will adjust the voltage automatically.
4. This adaptor will detect the best charging mode and start charging your device automatically.
5. Your digital device should indicate it is now in charging mode.
6. Please unplug this adaptor from wall outlet when not in use.

IMPORTANT SAFETY INSTRUCTIONS:

- Do not short circuit.
- Ensure correct voltage is used as continuous excessive voltage could damage your equipment.
- Do not try to use this power supply with appliance requiring more than the rated output current.
- Do not attempt to open this unit.
- Remove from mains when not in use.
- Always turn off the Digital device before you connect/ disconnect from this USB adaptor.
- The socket-outlet shall be installed near the equipment and shall be easily accessible

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