MRMA124

MediaRange 100W GaN Fast Charging Station, 1.5m Cable (EU-Plug), 3x USB-C and 1x USB-A, USB-C® Power Delivery and Quick Charge™ enabled, White

Central multi-device charging solution for desktop and workstation setups

The MediaRange 100W GaN fast charging station is designed as a central charging solution for desks, workstations and home office environments. Equipped with a fixed 1.5m power cable, it provides flexible placement on desks or shelves and enables simultaneous charging of up to four devices via three USB-C ports and one USB-A port.

Advanced GaN technology for high performance and reduced heat generation

Advanced GaN (Gallium Nitride) technology allows a compact and efficient design while significantly reducing heat generation during operation. Intelligent integrated chipsets continuously monitor charging power and temperature throughout the entire charging process to ensure stable, efficient and safe performance.

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Support for modern fast charging standards

The charging station supports latest fast charging technologies, enabling compatible devices to be charged efficiently according to their individual power requirements. It is suitable for charging smartphones, tablets, USB-C–powered laptops, wearables and other mobile devices.

Certified safety and durable housing design

The charging station features a shock- and fire-resistant V0-rated polycarbonate housing and is Intertek GS certified, meeting high safety and quality standards for reliable everyday use in professional and private environments.

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FEATURES

Key Features

- 100W GaN fast charging station with Type-C EU-Plug and 1.5m power cable
- Supports USB-C® Power Delivery 3.0, PPS (Programmable Power Supply) and Quick Charge™ 3.0[1]
- Three USB-C ports and one USB-A port for simultaneous charging of up to four devices[2]
- USB-C1 and USB-C2 each support up to 100W output when used individually
- Designed for desktop, workstation and home office use as a central charging solution
- Advanced GaN technology for compact design and reduced heat generation
- Intelligent chipsets for continuous monitoring of charging power and temperature
- Overvoltage, overcharge, short-circuit and overheating protection
- Shock- and fire-resistant V0-rated polycarbonate housing
- Intertek GS certified and equipped with comprehensive protection mechanisms[3]

Technical Data

- Input voltage / frequency / current: AC 100–240V, ~50/60Hz, 1.8A (max.)
- Total output power: 100W (max.)
- Output voltage / -current / -power:
- USB-C1/C2 (Power Delivery 3.0): 5.0V ? 3.0A / 9.0V ? 3.0A / 12.0V ? 3.0A / 15.0V ? 3.0A / 20.0V ? 5.0A (100W max.)
  - PPS (Programmable Power Supply): 3.3–21.0V ? 5.0A (100W max.)
- USB-C3 (Power Delivery 3.0): 5.0V ? 3.0A / 9.0V ? 3.0A / 12.0V ? 2.5A / 15.0V ? 2.0A / 20.0V ? 1.5A (30W max.)
  - PPS (Programmable Power Supply): 3.3–11.0V ? 3.0A (30W max.)
- USB-A (Quick Charge 3.0): 5.0V ? 3.0A / 9.0V ? 3.0A / 12.0V ? 2.5A (30W max.)
- Combined output power:
  - USB-C1 + USB-C2: 65.0W + 30.0W (95.0W max.)
  - USB-C3 + USB-A: 5.0V ? 3.0A (15.0W max.)
  - USB-C1 / USB-C2 + USB-C3 / USB-A: 65.0W + 30.0W (95.0W max.)
  - USB-C1 + USB-C2 + USB-C3: 45.0W + 30.0W + 20.0W (95.0W max.)
  - USB-C1 + USB-C2 + USB-A: 45.0W + 30.0W + 18.0W (93.0W max.)
  - USB-C1 + USB-C2 + USB-C3 + USB-A: 45.0W + 30.0W + 15.0W (90.0W max.)
- Average efficiency during operation: 80.57%
- Efficiency at low load (10%): 65.84%
- Power consumption at zero load: 0.213W
- Color: White
- Dimensions / Weight: 90 × 40 × 42 mm / 320 g
- Cable length: 1.5 m

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Included in the Box

- Charging station with attached power cable
- User manual and safety instructions

APPLICATIONS

Notes & Footnotes

[1] Fast charging requires compatible devices, chargers and suitable charging cables.

[2] When charging multiple devices simultaneously, output power is dynamically distributed and charging speed may be reduced.

[3] The GS certification applies exclusively to charging stations with EU plug. Models with UK plug do not carry the additional GS certification.

Please read and follow the included user manual and safety instructions before use. Charging speed depends on the connected device, cable quality and operating conditions. Charging cables for end devices are not included. All technical specifications are based on internal records and tests under controlled conditions. All products and illustrations mentioned are subject to change. The illustrations shown may differ from the actual product. Technical changes as well as errors and misprints are reserved. USB-C® and USB Power Delivery® are registered trademarks of the USB Implementers Forum. Quick Charge™ is a trademark of Qualcomm Incorporated.

EAN Code Piece:4262543441825

EAN Code Carton:4262543441832

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