ALTHEA22W100 4-Port 100W GaN USB PD Charger, USB-C x 3, USB-A x 1, QC 3.0, PPS, PD 3.0

Product Images











Short Description

- **High-Power GaN Technology:** This charger utilizes advanced Gallium Nitride (GaN) technology, providing up to 100W of total power for faster and more efficient charging.
- **Versatile Port Selection:** Equipped with 4 ports including 3 USB-C ports (with PD 3.0) and 1 USB-A ports (with QC 3.0), allowing simultaneous charging for multiple devices with varying power requirements.
- **Wide Compatibility:** Supports a range of output options from 3.3V to 20.0V across its ports, ensuring compatibility with devices from smartphones to laptops.
- **Enhanced Safety Features:** Built-in protections against overload, short circuiting, and overheating, ensuring the safety of both the charger and connected devices.
- **Efficiency and Fast Charging Technology:** Incorporates USB Power Delivery (PD) 3.0 and Quick Charge (QC) 3.0 technologies for rapid charging, along with Programmable Power Supply (PPS) compliance to maximize charging efficiency and minimize heat generation.

Description

This charger harnesses cutting-edge Gallium Nitride (GaN) technology to deliver up to 100W of total power, ensuring exceptionally fast and efficient charging. It features a versatile port selection with 4 ports: 3 USB-C ports supporting Power Delivery (PD) 3.0 and 1 USB-A port with Quick Charge (QC) 3.0. This configuration allows for simultaneous charging of multiple devices with varying power requirements. The charger supports a wide range of output options from 3.3V to 20.0V, ensuring compatibility with everything from smartphones to laptops. Enhanced safety is provided through built-in protections against overload, short-circuiting, and overheating, safeguarding both the charger and your devices. It incorporates USB Power Delivery (PD) 3.0 and Quick Charge (QC) 3.0 technologies for rapid charging and features Programmable Power Supply (PPS) compliance to optimize charging efficiency while minimizing heat generation.

Additional Information

Number of outputs	4
USB Type-A ports quantity	1
Fast charging technology	Quick Charge 3.0, Adaptive Fast Charging, Hisilicon FCP, Power Delivery 3.0, Programmable Power Supply (PPS)
USB Type-C ports quantity	3
Programmable power supply (PPS) (YES/NO)	Yes
Housing Material	Polycarbonate (PC)
Number of simultaneously connected devices (max)	4
Port 1 Power Output	USB-C1 output: 5.0V/3.0A, 9.0V/3.0A, 12.0V/3.0A, 15.0V/3.0A, 20.0V/5.0A (PD); 3.3-11.0V/4.5A (PPS)
Port 2 Power Output	USB-C2 output: 5.0V/3.0A, 9.0V/3.0A, 12.0V/3.0A, 15.0V/3.0A, 20.0V/5.0A (PD); 3.3-11.0V/4.5A (PPS)
Port 3 Power Output	USB-C3 output: 5.0V/3.0A, 9.0V/2.22A, 12.0V/1.67A (PD); 3.3-11.0V/1.8A (PPS)
Port 4 Power Output	USB-A output: 5.0V/3.0A, 9.0V/2.0A, 12.0V/1.5A, 20.0V/1.5A (QC 3.0)
Harmonized System (HS) code	850440
Customs product code (TARIC)	8504408390
Sustainability compliance	No
Approval and Compliance	CE, ERP, RoHS
Operating humidity	20% RH ~ 80% RH
Operating temperature	0°C ~ 25°C
Package Content	Quick installation guide
Storage humidity	10% RH ~ 90% RH
Storage temperature	-20°C ~ 80°C
Package Contents	ALTHEA22W100 Multilingual quick installation guide
Storage relative humidity (H-H) Max	90%

Storage relative humidity (H-H) Min	10%
Operating relative humidity (H-H) Max	80%
Operating relative humidity (H-H) Min	20%
Maximum AC Input	240 volt
Minimum AC Input	100 volt
Input current	2.2 ampere
Maximum power	100 watt
Dimensions (W x D x H)	68.5 x 65 x 32 mm
Product weight (kg)	0.1914
Color	White
EAN	4015867240731
Model Number	ALTHEA22W100
Power input	AC 100.0-240.0V, 2.2A max, 50-60Hz

