

# ALTHEA20W45 2-Port 45W GaN USB PD Charger, USB-C x 1, USB-A x 1, QC 3.0, PPS, PD 3.0

## Product Images



## Short Description

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- **High-Power GaN Technology:** This charger utilizes advanced Gallium Nitride (GaN) technology, providing up to 33W of total power for faster and more efficient charging.
- **Versatile Port Selection:** Equipped with 2 ports including 1 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 5.0V 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

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This charger leverages advanced Gallium Nitride (GaN) technology to provide up to 45W of total power, delivering faster and more efficient charging. It features a versatile port selection with 1 USB-C port supporting USB Power Delivery (PD) 3.0 and 1 USB-A port with Quick Charge (QC) 3.0, allowing for simultaneous charging of multiple devices with different power needs. The charger supports a wide range of output options from 5.0V to 20.0V, ensuring compatibility with a variety of devices, including smartphones and laptops. Enhanced safety is ensured with built-in protections against overload, short circuiting, and overheating. Additionally, it 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 efficiency and minimize heat generation.

## Additional Information

Number of outputs	2
USB Type-A ports quantity	1
Fast charging technology	Quick Charge 3.0, Power Delivery 3.0, Programmable Power Supply (PPS)
USB Type-C ports quantity	1
Programmable power supply (PPS) (YES/NO)	Yes
Housing Material	Polycarbonate (PC)
Number of simultaneously connected devices (max)	2
Port 1 Power Output	USB-C output: 5.0V/3.0A, 9.0V/3.0A, 12.0V/3.0A, 15.0V/3.0A, 20.0V/2.25A (PD); 5.0-11.0V/4.5A (PPS)
Port 2 Power Output	USB-A output: 5.0V/3.0A, 9.0V/2.0A, 12.0V/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 ~ 40°C
Package Content	Quick installation guide
Storage humidity	10% RH ~ 90% RH
Storage temperature	-20°C ~ 80°C
Package Contents	ALTHEA20W45 Multilingual quick installation guide
Input current	1.2 ampere
Maximum power	45 watt
Dimensions (W x D x H)	57 x 51 x 32 mm

Product weight (kg)	0.0865
Color	White
EAN	4015867240717
Model Number	ALTHEA20W45
Power input	AC 100.0-240.0V, 1.2A max, 50-60Hz

