

ALTHEA20B45 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

- **High-Power GaN Technology:** This charger utilizes advanced Gallium Nitride (GaN) technology, providing up to 45W 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

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
Programmable power supply (PPS) (YES/NO).	No
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)
Sustainability Compliance.	No
Operating temperature (T-T) Max.	40 celsius
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.	ALTHEA20B45 Multilingual quick installation guide
Color.	Black
Model Number.	ALTHEA20B45
Dimensions (W x D x H).	57 x 51 x 32 mm
Product weight (kg).	0.0865
Power input.	AC 100.0-240.0V, 1.2A max, 50-60Hz

