



**Tripp Lite**  
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## 50W Compact USB-C Wall Charger - GaN Technology, USB-C Power Delivery 3.0

MODEL NUMBER: U280-W01-50C1



Travel-sized USB-C charger provides up to 50W to quickly and efficiently charge your MacBook or Windows laptop at home or on the move.

### Features

**50W USB Type-C Charger Gets Your Mobile Device Ready in a Hurry, Wherever You Are** This single-port USB charger lets you quickly and safely charge your USB-C mobile device. Plug it into any NEMA 1-15R, NEMA 5-15R or NEMA 5-15/20R AC outlet to ensure your laptop, smartphone, tablet or other USB-C device charges at its fastest possible speed. The USB-C port supports USB Power Delivery (PD) 3.0 charging up to 5V 3A (15W), 9V 3A (27W), 12V 3A (36W), 15V 3A (45W) and 20V 2.5A (50W).

**Gallium Nitride Technology Allows High-Wattage Capacity in a Compact Package** This USB wall charger is smaller and lighter than most standard wall chargers that come with a laptop, measuring just over six cubic inches. Ideal for travel, it is designed using GaN technology, which has a higher power density than silicon and provides higher efficiency than standard USB-C fast chargers. It also operates under much cooler temperatures, despite its small size, meaning it won't get hot while charging your device.

**Built-In Auto-Sensing Adjusts to Proper Power Level to Get Your Device to 100%** The USB-C port features auto-sensing technology that automatically adjusts to your device's appropriate power level, perfect for fast-charging tablets and e-readers. The unit protects against overheating, overcurrent and overcharging—in fact, it stops charging as soon as your device's batteries are at full capacity.

**Folding Plug Design Perfectly Sized for Travel** The compact USB Type-C charger, small enough to fit in the palm of your hand, is easy to carry in your purse, suitcase, backpack or laptop bag. The NEMA 1-15P plug folds into the unit when not in use to shield it from damage and prevent it from snagging or scratching your bag's contents.

## Specifications

OVERVIEW	
UPC Code	037332249067

### Highlights

- Ideal for charging smartphones, tablets, e-readers and laptops while traveling
- USB-C PD 3.0 port supports a maximum power capacity of 50W for fast charging
- Gallium nitride (GaN) technology generates less heat to support high-efficiency charging
- Connects to any NEMA 1-15R, 5-15R or 5-15R/20R AC outlet for immediate charging
- Measures around 6 cu. in., making it perfectly sized for convenient travel use

### Applications

- Charge a smartphone, tablet, laptop or other mobile device without taking up a valuable USB port on your computer

### Package Includes

- U280-W01-50C1 USB-C Wall Charger, GaN, USB-C PD 3.0, 50W



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Product Type	Wall Charger
Charging Form Factor	Direct Plug-In
Device Compatibility	Phone; Tablet; Amazon Kindle; Laptop; Chromebook
Technology	USB
<b>INPUT</b>	
Nominal Input Voltage(s) Supported	120V AC; 230V AC
Input Connection Type	NEMA 1-15P
Voltage Compatibility (VAC)	100; 110; 110-240; 120; 125; 127; 200; 200-240; 208; 208/240; 220; 220-240; 230; 240
Input Frequency	50/60 Hz
Input Plug Type	NEMA 1-15P (NON-POLARIZED)
Input Current	100-240V, 1.5A (MAX)
<b>OUTPUT</b>	
Output Capacity	5V 3A (15W), 9V 3A (27W), 12V 3A (36W), 15V 3A (45W), 20V 2.5A (50W)
Overload Protection	Yes
<b>POWER</b>	
USB Power Delivery (PD) Charging Support	Yes
USB Power Delivery (PD) Charging Specification	3.0
<b>CHARGING</b>	
Number of Charging Ports	1
Total Charging Amps	3A
Total Charging Watts	50
Charging Method	USB
Charging Port Type	USB C (FEMALE)
Charging Ports Details	5V 3A (15W), 9V 3A (27W), 12V 3A (36W), 15V 3A (45W) and 20V 2.5A (50W)
Charging Ports / Amps	(1) 3A
Compatible Devices	Chromebook; Laptop; Smartphone; Tablet
Charging Method Detail	Power Delivery 3.0
<b>PHYSICAL</b>	
Color	White
Material of Construction	Polycarbonate
Unit Dimensions (hwd / cm)	5.03 x 6.02 x 3.34



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Unit Dimensions (hwd / in.)	1.980 x 2.370 x 1.315
Unit Packaging Type	Box
Unit Weight (kg)	0.11
Unit Weight (lbs.)	0.243
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 to 77 F (0 to 25 C)
Storage Temperature Range	-4 to 185 F (-20 to 85 C)
Power Consumption (Watts)	50
Operating Humidity Range	20 to 90 % RH, Non-Condensing
Storage Humidity Range	5 to 95 % RH, Non-Condensing
Power Provided to Connected Device(s)	USB-C: 20V 2.5A (50W)
<b>CONNECTIONS</b>	
Ports	1
Side A - Connector 1	NEMA 1-15P (NON-POLARIZED)
Side B - Connector 1	USB C (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Over Current Protection	Yes
Driver Required	No
Quick Charge Compliant	No
Overcurrent Protection	Yes
Overvoltage Protection	Yes
GaN Technology	Yes
<b>STANDARDS &amp; COMPLIANCE</b>	
Certifications	RoHS, REACH, FCC, UL, NOM
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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