



# Flat 1-Port USB-C Wall Charger - GaN Technology, 45W PD 3.0 Charging, White

MODEL NUMBER: U280-WF1-45C1-G











Travel-sized USB-C charger provides up to 45W to quickly and efficiently charge your smartphone or laptop at home or on the move.

#### **Features**

# 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 smartphone, tablet, e-reader, smartwatch, earbuds, handheld gaming console or other low-wattage device charges at its fastest possible speed.

### Supports Maximum Power Capacity of 45W

The USB-C port supports USB Power Delivery (PD) 3.0 charging up to 5V 3A (15W), 9V 3A (27W), 15V 3A (45W) and 20V 2.25A (45W). The U280-WF1-45C1-G also supports Programmable Power Supply (PPS) charging to intelligently allocate charging at ranges including 3.3V–11V 4.05A and 3.3V–16V 3A.

# Gallium Nitride Technology Provides Charging Capacity in a Flat Package

This USB wall charger is smaller and lighter than most standard wall chargers that come with mobile devices. Ideal for travel, the U280-WF1-45C1-G 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, overcharging and short circuits. In fact, it stops charging as soon as your device's batteries are at full capacity.

# Folding Plug Design Perfectly Sized for Travel

The flat 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 USB-C port is located on the bottom of the charger, which is ideal for plugging devices into outlets that are tucked behind furniture and would normally be difficult to get to with standard chargers. The NEMA 1-15P plug folds into the charger when not in use to shield it from damage and prevent it from snagging or scratching your bag's contents.

# **Specifications**

# **Highlights**

- Ideal for charging smartphones, tablets, e-readers and laptops while traveling
- USB-C PD 3.0 port supports a maximum power capacity of 45W for fast charging
- Gallium nitride (GaN) technology generates less heat to support high-efficiency charging
- Connects to any NEMA 1-15R, 5-15R or 5-15/20R AC outlet for immediate charging
- Slim, flat design fits behind furniture and takes up minimal space in bags or luggage

#### **Package Includes**

U280-WF1-45C1-G 1-Port USB-C Wall Charger





UPC Code		
Charging Form Factor Direct Plug-lin Product Type Wall Charger Charger Functions Charge Device Compatibility Amazon Kindle: Headphones; Phone; Tablet; Video Game System; Watch Technology USB 3.x  INPUT  Nominal input Voltage(s) Supported 1 20V AC; 230V AC Input Connection Type NEMA 1-15P Voltage Compatibility (VAC) 100; 110; 120; 125; 127; 200; 208; 220; 230; 240 Input Frequency 50/80 Hz Input Plug Type NEMA 1-15P (NON-POLARIZED) Input Current 100-240V, 1.24 (Max)  OUTPUT  Output Capacity (Watts) 45 Continuous Output Capacity (Watts) 45 Continuous Output Capacity (Watts) 45 Coverload Protection Yes  Power Consumption (Watts) 45.00  USB Power Delivery (PD) Charging 3.0  CONNECTIONS  Number of Potts 1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED) Side B - Connector 1 USB C (FEMALE)	OVERVIEW	
Product Type         Wall Charger           Charge Functions         Charge           Device Compatibility         Amazon Kindle; Headphones; Phone; Tablet; Video Game System; Watch           Technology         USB 3.x           INPUT           Nominal Input Voltage(s) Supported         120V AC; 230V AC           Input Connection Type         NEMA 1-15P           Voltage Compatibility (VAC)         100, 110; 120; 125; 127; 200; 208; 220; 230; 240           Input Frequency         50:60 Hz           Input Plug Type         NEMA 1-15P (NON-POLARIZED)           Input Gurrent         100-240V, 1.2A (Max)           OUTPUT           OUTPUT           OUTPUT           Output Capacity (Watts)         45           Continuous Output Capacity (Watts)         45           Coverload Protection         Yes           POWER           POWER           Power Delivery (PD) Charging Specification           USB Power Delivery (PD) Charging Specification         3.0           CONNECTIONS           Number of Ports         1           Side B - Connector 1         NEMA 1-15P (NON-POLARIZED)           USB C (	UPC Code	037332285942
Charger Functions         Charge           Device Compatibility         Amazon Kindle; Headphones; Phone; Tablet; Video Game System; Watch           Technology         USB 3.x           INPUT           Nominal Input Voltage(s) Supported           Input Connection Type         NEMA 1-15P           Voltage Compatibility (VAC)         100:110; 120; 125; 127; 200; 208; 220; 230; 240           Input Proguency         50:60 Hz           Input Proguency         50:60 Hz           Input Proguency         100:240V, 1.2A (Max)           OUTPUT           OUTPUT           OUTPUT           Output Capacity (Watts)         45           Continuous Output Capacity (Watts)         45           Continuous Output Capacity (Watts)         45           Overload Protection         Yes           POWER           POWER           Power Consumption (Watts)         45.00           USB Power Delivery (PD) Charging Support         3.0           CONNECTIONS           Number of Ports         1           Side A - Connector 1         NEMA 1-15P (NON-POLARIZED)           USBER INTERFACE, ALERTS & CONTOLS           Diagnostic LED(s)	Charging Form Factor	Direct Plug-In
Device Compatibility Amazon Kindle; Headphones; Phone; Tablet; Video Game System; Watch Technology USB 3.x  INPUT  Nominal Input Voltage(s) Supported 120 V AC; 230 V AC Input Connection Type NEMA 1-15P  Voltage Compatibility (VAC) 100; 110; 120; 125; 127; 200; 208; 220; 230; 240  Input Frequency 5060 Hz Input Pirequency 100-240 V, 1.2A (Max)  OUTPUT  Output Capacity (Watts) 45  Continuous Output Capacity (Watts) 45  Overload Protection Yes  POWER  Power Consumption (Watts) 45.00  USB Power Delivery (PD) Charging 3.0  USB Power Delivery (PD) Charging 3.0  CONNECTIONS  Number of Ports 1 NEMA 1-15P (NON-POLARIZED)  Side A - Connector 1 NEMA 1-15P (NON-POLARIZED)  USB ROMER 1 USB C (FEMALE)  USBR INTERFACE, ALERTS & CONTROLS  Blue - Power  CHARGING  CHARGING  I SUS A Sustaina System System System Sustaina System Sustaina S	Product Type	Wall Charger
New	Charger Functions	Charge
INPUT	Device Compatibility	Amazon Kindle; Headphones; Phone; Tablet; Video Game System; Watch
Nominal Input Voltage(s) Supported   120V AC; 230V AC	Technology	USB 3.x
Input Connection Type	INPUT	
Voltage Compatibility (VAC) 100; 110; 120; 125; 127; 200; 208; 220; 230; 240  Input Frequency 50/60 Hz  Input Plug Type NEMA 1-15P (NON-POLARIZED)  Input Current 100-240V, 1.2A (Max)  OUTPUT  Output Capacity (Watts) 45  Continuous Output Capacity (Watts) 45  Overload Protection Yes  POWER  POWER  Power Consumption (Watts) 45.00  USB Power Delivery (PD) Charging Specification 3.0  CONNECTIONS  Number of Ports 1  Side A - Connector 1 NEMA 1-15P (NON-POLARIZED)  Side B - Connector 1 USB C (FEMALE)  USBR INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s) Yes  CHARGING  CHARGING	Nominal Input Voltage(s) Supported	120V AC; 230V AC
Input Frequency 50/60 Hz Input Plug Type NEMA 1-15P (NON-POLARIZED) Input Current 100-240V, 1.2A (Max)  OUTPUT  Output Capacity (Watts) 45 Continuous Output Capacity (Watts) 45 Overload Protection Yes  POWER  POWER  Power Consumption (Watts) 45.00  USB Power Delivery (PD) Charging Support 3.0  USB Power Delivery (PD) Charging Specification 45 Specification 51 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED)  Side B - Connector 1 USB C (FEMALE)  USBC INTERFACE, ALERTS & CONTILE  Diagnostic LED(s) Yes  LED Indicators Bilue - Power  CHARGING	Input Connection Type	NEMA 1-15P
Input Plug Type NEMA 1-15P (NON-POLARIZED) Input Current 100-240V, 1.2A (Max)  OUTPUT  OUTPUT  OUTPUT 45  Continuous Output Capacity (Watts) 45  Cordinuous Output Capacity (Watts) 45  Overload Protection Yes  POWER  POWER  Power Consumption (Watts) 45.00  USB Power Delivery (PD) Charging Support 45.00  USB Power Delivery (PD) Charging Support 50  CONNECTIONS  Number of Ports 1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED) Side B - Connector 1 USB C (FEMALE)  USBR (FEMALE)  USBR (FEMALE)  USBR (FEMALE)  USBR (FEMALE)  Diagnostic LED(s) Yes  LED Indicators Blue - Power	Voltage Compatibility (VAC)	100; 110; 120; 125; 127; 200; 208; 220; 230; 240
Input Current 100-240V, 1.2A (Max)  OUTPUT  Output Capacity (Watts) 45  Continuous Output Capacity (Watts) 45  Overload Protection Yes  POWER  Power Consumption (Watts) 45.00  USB Power Delivery (PD) Charging Specification 3.0  CONNECTIONS  Number of Ports 1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED) Side B - Connector 1 USB C (FEMALE)  USBC (FEMALE)	Input Frequency	50/60 Hz
OUTPUT Output Capacity (Watts) 45 Continuous Output Capacity (Watts) 45 Overload Protection Yes  POWER  Power Consumption (Watts) 45.00 USB Power Delivery (PD) Charging Support Ves  USB Power Delivery (PD) Charging Specification 3.0  CONNECTIONS  Number of Ports 1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED) Side B - Connector 1 USB C (FEMALE)  USBR C (FEMALE)  USBR C (FEMALE) USBR C (FEMALE)  USBR C (FEMALE)	Input Plug Type	NEMA 1-15P (NON-POLARIZED)
Output Capacity (Watts) 45  Continuous Output Capacity (Watts) 45  Overload Protection Yes  POWER  Power Consumption (Watts) 45.00  USB Power Delivery (PD) Charging Support Yes  USB Power Delivery (PD) Charging Support 3.0  CONNECTIONS  Number of Ports 1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED) Side B - Connector 1 USB C (FEMALE)  USER INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s) Yes  LED Indicators Blue - Power  CHARGING	Input Current	100-240V, 1.2A (Max)
Continuous Output Capacity (Watts)  Overload Protection  Yes  POWER  Power Consumption (Watts)  USB Power Delivery (PD) Charging Support  USB Power Delivery (PD) Charging Specification  CONNECTIONS  Number of Ports  1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED)  Side B - Connector 1 USB C (FEMALE)  USER INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s)  Yes  CHARGING	ОИТРИТ	
POWER  Power Consumption (Watts) 45.00  USB Power Delivery (PD) Charging Support 3.0  CONNECTIONS  Number of Ports 1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED)  Side B - Connector 1 USB C (FEMALE)  USER INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s) Yes  CHARGING	Output Capacity (Watts)	45
POWER  Power Consumption (Watts) 45.00  USB Power Delivery (PD) Charging Support  USB Power Delivery (PD) Charging 3.0  CONNECTIONS  Number of Ports 1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED)  Side B - Connector 1 USB C (FEMALE)  USER INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s) Yes  LED Indicators Blue - Power	Continuous Output Capacity (Watts)	45
Power Consumption (Watts)  USB Power Delivery (PD) Charging Support  USB Power Delivery (PD) Charging 3.0  CONNECTIONS  Number of Ports 1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED)  Side B - Connector 1 USB C (FEMALE)  USB C (FEMALE)  Diagnostic LED(s) Yes  CHARGING	Overload Protection	Yes
USB Power Delivery (PD) Charging Specification 3.0  CONNECTIONS  Number of Ports 1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED) Side B - Connector 1 USB C (FEMALE)  USER INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s) Yes LED Indicators Blue - Power  CHARGING	POWER	
Support  USB Power Delivery (PD) Charging Specification  3.0  CONNECTIONS  Number of Ports  1  Side A - Connector 1  NEMA 1-15P (NON-POLARIZED)  Side B - Connector 1  USB C (FEMALE)  USER INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s)  LED Indicators  Blue - Power  CHARGING	Power Consumption (Watts)	45.00
CONNECTIONS  Number of Ports 1 Side A - Connector 1 NEMA 1-15P (NON-POLARIZED)  Side B - Connector 1 USB C (FEMALE)  USER INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s) Yes  LED Indicators Blue - Power  CHARGING	USB Power Delivery (PD) Charging Support	Yes
Number of Ports  Side A - Connector 1  NEMA 1-15P (NON-POLARIZED)  Side B - Connector 1  USB C (FEMALE)  USER INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s)  LED Indicators  Blue - Power  CHARGING	USB Power Delivery (PD) Charging Specification	3.0
Side A - Connector 1 NEMA 1-15P (NON-POLARIZED)  Side B - Connector 1 USB C (FEMALE)  USER INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s) Yes  LED Indicators Blue - Power  CHARGING	CONNECTIONS	
Side B - Connector 1  USB C (FEMALE)  CHARGING	Number of Ports	1
USER INTERFACE, ALERTS & CONTROLS  Diagnostic LED(s) Yes  LED Indicators Blue - Power  CHARGING	Side A - Connector 1	NEMA 1-15P (NON-POLARIZED)
Diagnostic LED(s)  LED Indicators  Blue - Power  CHARGING	Side B - Connector 1	USB C (FEMALE)
LED Indicators  Blue - Power  CHARGING	USER INTERFACE, ALERTS & CONTROLS	
CHARGING	Diagnostic LED(s)	Yes
	LED Indicators	Blue - Power
Number of Charging Ports 1	CHARGING	
	Number of Charging Ports	1





Total Charging Amps	3A	
Total Charging Watts	45	
Charging Method	USB	
Charging Port Type	USB C (FEMALE)	
Charging Ports Details	Supports PD 3.0 charging up to 45W including 5V 3A, 9V 3A, 15V 3A, and 22V 2.25A. Supports PPS Charging at ranges of 3.3V-11V 4.05A and 3.3V-16V 3A.	
Charging Ports / Amps	3A	
Wireless Charging	No	
Charging Amps per Port	3A	
PHYSICAL		
Color	White	
Material of Construction	PC (Plastic)	
Total Number of Ports	1	
Unit Dimensions (hwd / in.)	3.330 x 1.910 x 0.750	
Unit Dimensions (hwd / cm)	3.33 x 1.91 x 0.75	
Unit Packaging Type	Вох	
Unit Weight (lbs.)	0.17	
Unit Weight (kg)	0.08	
ENVIRONMENTAL		
Operating Temperature Range	77° to 104°F (25° to 40°C)	
Storage Temperature Range	-4° to 185°F (-20° to 85°C)	
Operating Humidity Range	20 to 90% RH, Non-Condensing	
Storage Humidity Range	5 to 95% RH, Non-Condensing	
FEATURES & SPECIFICATIONS		
GaN Technology	Yes	
Over Current Protection	Yes	
Quick Charge Compliant	No No	
Driver Required	No No	
Driver Required	INU	
STANDARDS & COMPLIANCE		
Product Certifications	UL Listed	
Product Compliance	FCC (USA)	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	2-year limited warranty	





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