



# THE DATASHEET OF U280-C02-C1A1

# Dual-Port USB Car Charger with PD Charging - USB Type C (27W) & USB Type A (5V 1A/5W), UL 2089

MODEL NUMBER: U280-C02-C1A1



Quickly and safely charges a USB-C device and a USB-A device, including tablets and smartphones, in your vehicle at the same time.

## Features

**Dual USB Car Charger Charges 2 Mobile Devices in Your Vehicle Simultaneously** This dual-port USB car charger with Qualcomm Quick Charge 3.0 technology lets you quickly and safely charge one USB-C mobile device and USB-A mobile device at the same time. You and a passenger can connect your smartphones, tablets or MP3 players, to name just a few compatible devices, to ensure satisfactory battery charge when you reach your destination. The dual USB car charger adapter is certified to UL 2089 standards for vehicle battery adapters rated 24V DC or less.

**USB-C PD Charging Port Charges up to 4 Times Faster Than Conventional 5W Chargers** The USB-C PD charging port is powered by advanced Quick Charge 3.0 technology. Instead of charging at a preset power level, this charger adjusts to one of three possible power levels to provide as much power as your QC-compliant device's battery can handle. Available outputs include 3.6–6V 3A, 6–9V 2A and 9–12V 1.5A. The USB-A port supports up to 5V 1A to help ensure your smartphone is fully charged when you reach your destination.

**Works with the 12V DC Power Outlet in Your Vehicle** The compact charger connects to any standard 12V DC vehicle power outlet, such as the one on your dashboard. Just plug it in, and connect your devices' USB cables for fast, convenient mobile charging. An easy-to-see LED indicates the charger is receiving power. The U280-C02-C1A1 is compatible with Apple, Android, Windows and Amazon devices with USB-C, Thunderbolt 3 or USB-A charging ports.

## Highlights

- Dual USB car charger connects to the 12V DC power outlet in your car, truck or SUV
- Ideal for charging smartphones, tablets, e-readers and MP3 players while traveling
- USB-C PD Charging port charges up to 4 times faster than conventional USB chargers
- Maximum charging power output of 32W: 27W USB-C and 5W USB-A
- Achieves UL 2089 certification for vehicle battery adapters rated up to 24V DC

## Applications

- Charge up to 2 smartphones, tablets, cameras, e-readers or any other USB-C, Thunderbolt 3 or USB-A devices while driving to your destination

## System Requirements

- Vehicle with standard 12V DC power outlet

## Package Includes

- U280-C02-C1A1 2-Port USB Car Charger - Quick Charge 3.0, UL 2089

## Specifications

OVERVIEW	
UPC Code	037332224767
Product Type	Car Charger
Charging Form Factor	Direct Plug-In



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Device Compatibility	Phone; Tablet; Amazon Kindle; Laptop; Chromebook
<b>INPUT</b>	
Nominal Input Voltage(s) Supported	12V DC
Input Connection Type	Automobile Cigarette Lighter
Input Plug Type	Car Auxiliary Power Outlet
<b>OUTPUT</b>	
Overload Protection	Yes
<b>POWER</b>	
Power Consumption (Watts)	32
<b>CONNECTIONS</b>	
Number of Ports	2
Side A - Connector 1	Car Cigarette Lighter
Side B - Connector 1	USB A (FEMALE); USB C (FEMALE)
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
LED Indicators	Blue (Power)
<b>CHARGING</b>	
Number of Charging Ports	2
Total Charging Amps	3.7A
Total Charging Watts	32
Charging Method	USB
Charging Port Type	USB A (FEMALE); USB C (FEMALE)
Charging Ports Details	USB-A: 5V 1A (5W)
Charging Ports / Amps	(1) 1A; (1) 3A / 2.25A
<b>PHYSICAL</b>	
Color	White
Material of Construction	Polycarbonate, ABS UL94V-0
Shipping Dimensions (hwd / in.)	5.91 x 3.94 x 0.50
Shipping Dimensions (hwd / cm)	15.01 x 10.01 x 1.27
Shipping Weight (lbs.)	0.07
Shipping Weight (kg)	0.03
Unit Dimensions (hwd / in.)	1.190 x 2.690 x 1.190
Unit Dimensions (hwd / cm)	3.01 x 6.83 x 3.03



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Unit Packaging Type	Polybag
Unit Weight (lbs.)	0.06
Unit Weight (kg)	0.03
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Operating Humidity Range	30 TO 90% RH, Non-Condensing
Storage Humidity Range	10 TO 90% RH, Non-Condensing
<b>FEATURES &amp; SPECIFICATIONS</b>	
GaN Technology	No
Overcurrent Protection	Yes
Overvoltage Protection	Yes
Over Current Protection	Yes
Quick Charge Compliant	No
Driver Required	No
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	UL 2089
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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