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## PlusRoc Waterproof 12V/24V to 5V Converter DC-DC Step Down Module Power Adapter (USB-A Female Connector)

Visit the PlusRoc Store

4.6 203

ratings

| 32 answered questions

\$10<sup>99</sup>

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Visa.

Style: **USB-A Female  
Connector**

5.5x2.1mm DC Male Plug  
\$8.99

Dual USB-A Connectors  
\$11.99

Micro USB Connector  
\$11.99

Open Wire  
\$10.99

USB Type-C Connector  
\$11.99

Delivery

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Qty: 1

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USB-A Female Connector  
\$10.99

Brand PlusRoc  
Color Black,red  
Input 24 Volts  
Voltage  
Output 5 Volts  
Voltage  
Plug Type A  
Format

About this item

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Total price: \$20.98

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\$10<sup>99</sup>

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\$10.59

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Quick Charge QC3.0 USB Step Down Converter DC-DC Buck Module 10V- 32V 12V 24V to...  
174

**\$9.99**

## Important information

To report an issue with this product, [click here](#).

## Product Description

PlusRoc DC-DC Converters are widely used in low power consumption electronics to step-down from 24/12V to 5V. The enclosure is completely sealed with epoxy resin, providing superior protection against water damage.

### Main Specifications:

- IP68 Waterproof Enclosure
- Efficiency: Up to 96%
- Non-isolated
- Input voltage: DC 8-35V, (12V/24V is recommended)
- Output voltage: DC 5V
- Output current: Max. 3A
- Power rating: 15W
- Stable performance
- Operating Temperature: -30°C to 65°C (-22°F to 149°F)
- Humidity Limits: 10%-90% RH
- Size: 46mm\*27mm\*14mm(L\*W\*H)/ 1.81 inch \* 1.06 inch \* 0.55 inch

### Package Includes:

- 1pcs DC-DC 12V/24V to 5V Converter



	DC Converter with USB Ports	Mini DC Voltage Regulator	Mini DC Voltage Regulator	Mini DC Voltage Regulator
Model Name	PR-4A050	LM2596	LM2596	LM2596
Quantities	1 Pcs	Pack of 6	Pack of 10	Pack of 20
Feature	Fast Charging	Adjustable Output Voltage	Adjustable Output Voltage	Adjustable Output Voltage
Input Voltage	DC 8V-35V	DC 3.2V-36V	DC 3.2V-36V	DC 3.2V-36V
Output Voltage	DC 5V	DC 1.25V-35V	DC 1.25V-35V	DC 1.25V-35V

Product information

Package Dimensions	4.13 x 4.06 x 0.51 inches
Item Weight	1.76 ounces
ASIN	B09DGD6WCG
Item model number	PR-4A062
Customer Reviews	4.6 ratings 4.6 out of 5 stars
Best Sellers Rank	#15,251 in Tools & Home Improvement (See Top 100 in Tools & Home Improvement) #79 in Power Converters
Date First Available	August 24, 2021
Manufacturer	PlusRoc

Warranty & Support

**Product Warranty:** For warranty information about this product, please [click here](#)

Feedback

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Compare with similar items

	<b>This item</b> PlusRoc Waterproof 12V/24V to 5V Converter DC-DC Step Down Module Power Adapter (USB-A Female Connector)	eoocvt DC Converter Buck Module 12V Convert to 5V USB Output Power Adapter	Quick Charge QC3.0 USB Step Down Converter DC-DC Buck Module 10V- 32V 12V 24V to 5V 3A QC 3.0 Charging Module Waterproof Power Regulator Car Phone Charging	DC-DC Buck Converter Module 12V to 5V Micro USB Power Adapter Compatible with Ring Alarm Keypad (2 Pieces)
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Customer Rating	(203)	(502)	(174)	(446)
Price	\$10 <sup>99</sup>	\$9 <sup>78</sup>	\$9 <sup>99</sup>	\$10 <sup>99</sup>
Shipping				
Sold By	WILLHI LTD	eoocvt	YIPIN HEXHA	Charlinuoer
Brand Name	PlusRoc	eoocvt	YIPIN HEXHA	Weewooday
Color	black,red	Black	1Pcs	Black
Input Voltage	24 volts	8 volts	12.00 volts_of_direct_current	12 volts
Output Voltage	5 volts	5.0 volts	5.00 volts_of_direct_current	5 volts

Plug Type	Type A	—	—	—
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Videos


Videos for this product

0:29

**PlusRoc Waterproof DC-DC 12V/24V to 5V Step Down Converter**  
PlusRoc

Videos for related products

2:20

**12v to 5v DC Converter Buck Module with dual ports USB...**  
Engineer Tested by Robert Veach!

0:


**YIPIN HEXHA 12V 24V DC to 5V 3A USB Converter**  
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**\$11.99** List: \$13.99

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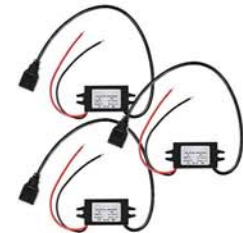
DC 24V 12V to 5V 3A  
15W Step Down  
Converter Voltage  
Regulator Car Power...  
**\$8.99**



DC Converter 12V 24V to  
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## Customer reviews

4.6 out of 5

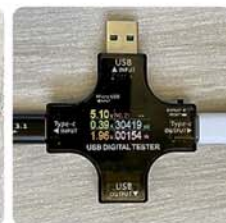
203 global ratings

5 star	<input type="text"/>	76%
4 star	<input type="text"/>	15%
3 star	<input type="text"/>	5%
2 star	<input type="text"/>	0%
1 star	<input type="text"/>	5%

✓ How customer reviews and ratings work

## Reviews with images

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Top reviews

## Top reviews from the United States



donald d.

**works**

Reviewed in the United States on August 16, 2023

Style: Open Wire **Verified Purchase**

But for how long ,last one for my dash cam worked about one year.No big deal but had to trouble shoot ,this is the last thing i checked

Helpful

Report



Jamie

**Worked as intended**

Reviewed in the United States on July 22, 2023

Style: Micro USB Connector **Verified Purchase**

I used this product as part of a hardwire power installation of my Ring alarm entry keypad. The wires were thinner than I expected but the Wago connectors I also bought still worked with those wires.

Sponsored

Helpful

Report

reader runner

**Didn't realize how convenient it is.**

Reviewed in the United States on June 28, 2023

Style: Open Wire **Verified Purchase**

I love building little electronic devices and thought I had a nice setup where I could test 5v devices. But adding DC barrel jacks to the ends of this made it so easy to use that I've put my wall chargers and cables away and just use this with a 24v DC adapter. Now I only have one wire in my workspace.

Helpful

Report

R. Gerdes

**Just what I needed.**

Reviewed in the United States on June 29, 2023

Style: Micro USB Connector **Verified Purchase**

I bought this for a security camera that came with a solar panel I couldn't use because of the location of the camera. But I did have 12 volt power from a previous camera. This transformer worked perfectly.

Helpful

Report

the\_storyteller

**Worked perfectly for a Raspberry Pi 4 with a 12 volt power source**

Reviewed in the United States on May 9, 2023

Style: USB Type-C Connector **Verified Purchase**

I used the USB-C model for a Raspberry Pi 4 with a 12 volt power source. I built a small NAS (network attached storage) which uses a Raspberry Pi 4, 3.5 inch spinning hard drives, and a computer case fan. This allows me to run the Raspberry Pi with only a 12 volt power source, so all components in the NAS can use the same power source.

I haven't tested the power output, but it the Pi hasn't shown any issues when under load, so I'd say it's probably sufficient for most workloads.

Helpful

Report

Amber

**Works great so far...**

Reviewed in the United States on May 2, 2023

Style: USB Type-C Connector **Verified Purchase**

Paired with an "add-a-circuit" to wire into the ignition fuse. Works good so far and no more wires to the cigarette lighter.

Helpful

Report

Achernar

**Powering a Ubiquiti G4 Instant wireless camera**

Reviewed in the United States on May 19, 2023

Style: USB Type-C Connector **Verified Purchase**

I'm using the PlusRoc Waterproof 12V/24V to 5V Converter DC-DC Step Down Module to power a Ubiquiti G4 Instant wireless camera from a 12v 20ah LifePo4 battery. It's been running for 4 days straight with no issues. The Step Down module is doing what it's supposed to do and it's not getting hot.

Helpful

Report

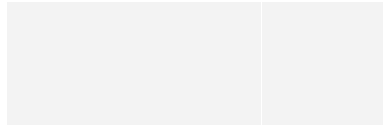
 Wrench

**Just what I needed for my bike.**

Reviewed in the United States on October 26, 2022

Style: USB Type-C Connector **Verified Purchase**

I was looking for a dedicated usb-c charger for my S22 Ultra phone. I tried using a cigarette lighter adapter but it wasn't charging the phone. I really didn't want to use something like that anyway because most of them aren't water resistant/proof. This little unit was a lot smaller than I had imagined but that isn't a bad thing it's actually a plus in my case. I tested the unit before installation just to be sure it was working. I already had a small hole on my inner fairing that I used to pass the usb-c charging cable through and sealed up around the cord. On the inside of the fairing I found where I was going to mount the unit itself and I used hot glue to secure it. I did have to lengthen the positive and negative feed wires to make sure that I could reach the power source that I was going to use. I have it wired to a power source that is only active when the ignition is on. It works perfectly for what I needed it for.



Helpful

Report

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**Top reviews from other countries**

 Fisherguy

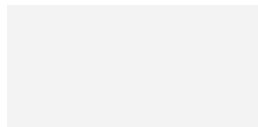
**plug too big and it doesn't work**

Reviewed in Canada on November 11, 2022

Style: Micro USB Connector **Verified Purchase**

I have a 24V DC power source, this seemed like it would work fine to power my Wyze cams but I found the plastic plug for the micro-USB was too large to fit into the recess of the camera.

I had to whittle down the plastic part to fit into the camera only to find this thing doesn't work!



Report

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