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LM2596 DC-DC Buck Converter Step-Down Pov

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Valefod 6 Pack LM2596 DC to DC High Efficiency Voltage Regulator 3.2-35V to 1.25V
4.4★ 1,132
\$9⁹⁹



Seloky 10 Pack LM2596 LM2596S Adjustable Voltage Regulator Step Down Variable
4.5★ 53
\$12⁹⁹



BULVACK 10 Pack LM2596 DC-DC Buck Converter Step Down Module Power Supply DIP
4.7★ 888
\$12⁹⁹

Electronics > Power Accessories > Power Converters



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DZS Elec 2PCS LM2596 DC-DC Step Down Variable Volt Regulator Input 3.2V-40V Output 1.25V-35V Adjustable Buck Converter Electronic Voltage Stabilizer Power Supply Module

Visit the DZS Elec Store
4.4★ 316 ratings | Search this page

Currently unavailable.
We don't know when or if this item will be back in stock.

Brand	DZS Elec
Power Source	DC
Mounting Type	PCB Mount
Current Rating	3 Amps, 2 Amps
Minimum Frequency	50 Hz

- About this item
- The Module Properties: Non-isolated Constant Current and Voltage Of The Module
 - Rectification:Non-Synchronous Rectification
 - Input Voltage: 3.2V-41V
 - The Output Voltage: 1.25V-35V
 - The Output Current: Rated Current 2A, Maximum 3A (Additional Heat Sink Is Required)

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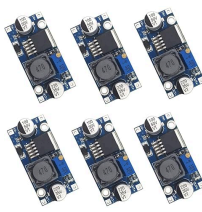
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Car DC 12V 4A Voltage Stabilizer Surge Protector Power Supply Regulator for Auto Tr...
★★★★☆ 655
\$26⁶⁹
✓prime



Car Voltage Stabilizer, DC 12V Regulator 12V Surge Protector 144W Heavy Duty for Ca...
★★★★☆ 156
\$49⁹⁹
✓prime



6 Pack LM2596 DC to DC High Efficiency Voltage Regulator 3.2-35V to 1.25-30V Buck C...
★★★★☆ 1,132
-23% \$9⁹⁹
List: \$12.99
✓prime



[2 Pack] DC-DC 5A Buck Converter 4-38V to 1.25-36V Step-Down Voltage Regulator High...
★★★★☆ 271
\$13⁹⁹
✓prime



HiLetgo 2pcs LM2596 Adjustable DC-DC Step Down Buck Power Convert Module 4.0...
★★★★☆ 675
\$10⁴⁹
✓prime



5 Pack LM2596 Buck Converter to 1.5-35V Adj Voltage Regula...
★★★★☆ 53
Amazon's Choice
\$7⁹⁹
✓prime

Frequently purchased items with fast delivery



LM2596 DC to DC Buck Converter, 5 Pack Input 3.0-40v Output 1.5-35V Adjustable Voltages Regulator, Lm2596s Dc...
★★★★☆ 1
\$6.12 (\$1.22/Item)
Get it as soon as **Saturday, Mar 29**
FREE Shipping on orders over \$35 shipped by Amazon
Only 6 left in stock - order...



Stemedu 3PCS LM2596 DC to DC Buck Converter 4-40V to 1.25-37V Adjustable Voltage Regulator Step-Down...
★★★★☆ 46
\$9.98 (\$3.33/Item)
Get it as soon as **Saturday, Mar 29**
FREE Shipping on orders over \$35 shipped by Amazon



ATNSINC 4Pack LM2596 DC-DC Buck Converter, Adjustable Step Down Voltage Regulator 3-40V to 1.5-35V High...
★★★★☆ 98
\$7.99
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FREE Shipping on orders over \$35 shipped by Amazon



Maxmoral 2pcs DC-DC Buck Converter Power Module 3A Adjustable Step-Down LM2596...
★★★★☆ 147
Amazon's Choice
\$7.99 (\$4.00/Item)
Get it as soon as **Saturday, Mar 29**
FREE Shipping on orders over \$35 shipped by Amazon



[2-Pack] Adjustable DC-DC Buck Boost Converter Automatic Wide Voltage Regulator XL6009 DC to DC 5-32 V to 1.25-35 V...
★★★★☆ 121
\$11.99
Get it as soon as **Saturday, Mar 29**
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QEBIDUM 2 Buck Converter Switching F Module DC Step Down...
★★★★☆
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WARNING: California's Proposition 65

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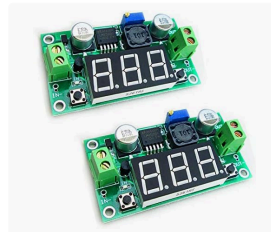
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Recommendations



WWZMDiB Constant Current CC CV Buck Converter Module DC 6-40V to 1.2-36V 20A 300W...

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Maxmoral 2pcs DC-DC Buck Converter Power Module 3A Adjustable Step-Down LM2596...

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Price	Currently unavailable.	\$9 ⁹⁹	\$10 ⁴⁹	\$7 ⁹⁹
Delivery	—	Get it as soon as Saturday, Mar 29	Get it as soon as Saturday, Mar 29	Get it as soon as Saturday, Mar 29
Customer Ratings	4.4 ★★★★★ 316	3.9 ★★★★★ 36	4.3 ★★★★★ 675	4.3 ★★★★★ 147
Sold By	—	WWZMDiB	HiLetgo	Maxmoral

Power Source	DC	Battery Powered	Battery Powered	Battery Powered
Current Rating	2.0 amps, 3.0 amps	20 amps	3 amps	3 amps
Minimum Frequency	50 hertz	50 hertz	50 hertz	65 KHz
Mounting Type	PCB Mount	Rack Mount	—	PCB Mount
Model Number	LM2596-2P	—	3-01-0167	LM2596-3A-2

Videos

Help others learn more about this product by uploading a video!

Upload your video

Product information

Specification Met	FCC, UL
Item Weight	0.81 Ounces
UPC	786467900090
Manufacturer	DZS Elec
Package Dimensions	5.12 x 2.91 x 0.59 inches
Item Weight	0.81 ounces
ASIN	B06XRN7NFQ
Item model number	LM2596-2P
Customer Reviews	4.4                                                 



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HiLetgo 3pcs XL4015 5A DC to DC CC CV Lithium Battery Step Down Charging Board Led ...
★★★★☆ 95
\$10⁴⁹
✓prime

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LM2596 DC-DC Buck Power Converter Module, 5 PCS Adjustable 4-40V to...
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✓prime

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\$27⁹⁹
✓prime

Car DC 12V 4A Voltage Stabilizer Surge Protector Power Supply Regulator for Auto Tr...
★★★★☆ 655
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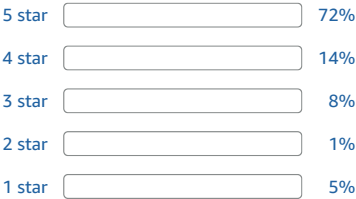
2PCS LM2596 I Step Down Var Regulator Input 40V Output 1.2...
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Customer reviews

★★★★☆ 4.4 out of 5

316 global ratings



How customer reviews and ratings work

Review this product

Share your thoughts with other customers

Write a customer review

Customers say

Customers find the transformer functional and providing good value for the price. They find it easy to adjust the voltage output with incremental adjustments. The transformer fits well into battery cavities, is small enough to fit into projects, and has a small learning curve. Many customers appreciate its durability and accuracy. However, some customers dislike the narrow voltage range.

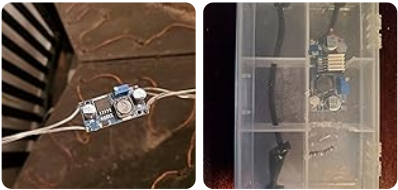
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Select to learn more

- ✓ Functionality | ✓ Value for money | ✓ Voltage adjustment | ✓ Fit | ✓ Ease of use |
- ✓ Durability | ✓ Accuracy | ⚠ Voltage range

Reviews with images

See all photos



Top reviews from the United States



Owen

★★★★★ **As advertised**

Reviewed in the United States on October 27, 2024

Verified Purchase

Works well, used a multimeter to tune the voltage and it seems to be working well

Helpful

| Report

Sponsored ⓘ



Richard Vath

★★★★★ **Works really well.**

Reviewed in the United States on July 22, 2024

Verified Purchase

Tiny, solid, and works as description. Buck resistor and inverters. Nice simple circuit.

Helpful

| Report



David O

★★★★★ **Working great in my 3D printer**

Reviewed in the United States on July 5, 2023

Verified Purchase

I'm using these to step down the 24v that my printer puts out to 12v for replacement fans. This works perfectly for me and it's small and makes no noise that I can hear. Yes, you do have to turn the screw quite a few times to adjust the voltage, but that's because it's a precision potentiometer. That's how they work. :)

Helpful

| Report



WilliamG

★★★★☆ **Read this before you buy!**

Reviewed in the United States on October 16, 2023

Verified Purchase

I purchased two of these a couple years ago and they worked perfectly. I just purchased 6 more. No instructions are given. The adjustment screw **MUST** be turned counter-clockwise at least 10 times before the voltage can be adjusted. One of these 6 required 30 turns! You have to put a DVM on the output and monitor it for a change in the voltage downward to change the factory output. The way I learned this was to read the listings for other converters and found a couple that stated this procedure so I decided to try it on these. It's a shame the seller did not included this in the listing or send instructions with the product. Otherwise, they work great!

3 people found this helpful

Helpful

| Report



Displaced Desert Rat

★★★★★ **Simple, easy to use/install.**

Reviewed in the United States on March 13, 2018

Verified Purchase

This little buck converter was perfect for my needs. I modified a Power Wheels Jeep for my kids and bumped it up to 24V. However, I also added LED lights that run on 6VDC. So instead of trying to add a second power supply, this little guy allowed me to plug right into the 24V circuit and supply the LEDs with 6.25V.

I was able to solder the leads easily using 16 gauge wire (I don't think anything thicker would fit into the PCB). The adjustment screw worked as it should, and arriving at my desired voltage was a simple task. I then encapsulated the converter in an old 35MM film canister (yeah, I know!), but it fit perfectly (I drilled holes for ventilation and for the wires at the ends).

All, in all, I'm super pleased with this purchase, and time will tell how durable it is.

P.S. There is a small red LED that stays on when the device is connected to a power source, I wish the specs listed how much current it's drawing though.

5 people found this helpful

Helpful

| Report



Mary

**Adjustment is dookus**

Reviewed in the United States on March 9, 2024

Verified Purchase

The regulator has a 25 turn pot to dial in the output voltage. With that many turns, you'd think that it would be possible to very accurately adjust the voltage. Most of the turns on the pot have no effect at all on the output and only a very narrow range of the pot actually effects the output. I needed mine setup to provide 9.0 volts. There was a range of about a quarter of a turn that varied the output between 8.5 and 9.5 volts. I finally got it where I wanted, but I had to make many very small changes to the pot setting to get 9.0 volts. Before you install one of these, test it on the bench to make sure it works correctly.

Helpful

| Report



Fiendish

**Great value - the best ones I've tried yet.**

Reviewed in the United States on August 20, 2021

Verified Purchase

Finally - a solidly regulated variable PSU module I actually trust. These seem to hold setpoint well and supply comfortably up to their rated power. Neat, well priced and easily fitted into a project, these are my go-to for a quick and clean power rail for lower voltage uses.

Super-clean output means I even used one in a very high-gain tube phono preamp as the heater supply regulator, and it's the quietest I've built by far.

Bottom line - when cobbling together a linear reg supply for a final/customer build would seem janky, this module does the trick neatly and at the right price

One person found this helpful

Helpful

| Report



Straight Shooter

**Very Compact - High Quality**

Reviewed in the United States on July 7, 2021

Verified Purchase

Good value, worked as described. Installed in RV, connected to 12VDC Bus which varied from 12.6-14.8 depending on charging status. Needed 12.0VDC +/- .2 volt constant to power Internet Hotspot. When setting up, set voltage without load connected. Connect load, then fine tune. Comment: Other reviewers that complain about potentiometer being poor quality must not be aware this unit uses a 20 turn pot to provide accuracy of setting and stability.

One person found this helpful

Helpful

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