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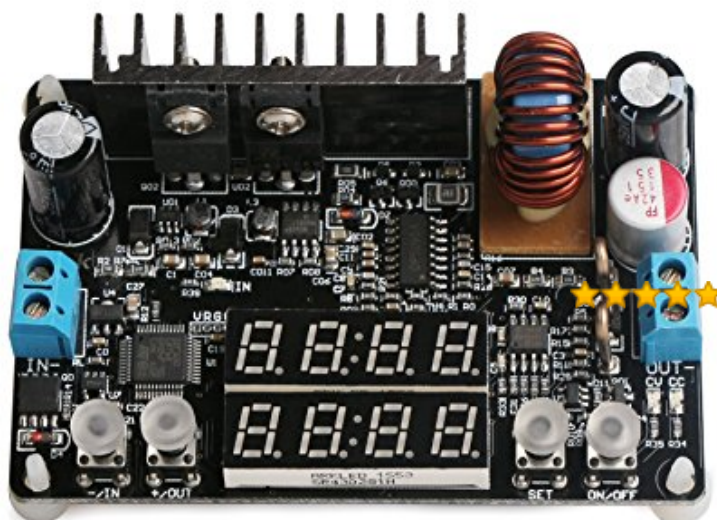
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Numerical Control Voltage DC 6-40V to 0-32V 5A Converter, 24V 12V to 5V Voltage Current Step Down e Output Power Supply Ammeter Voltmeter Display

21 customer reviews
[questions](#)

69
7.99 Prime
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y, Nov. 7? Order within **6 hrs 2 mins** and
 y Shipping at checkout. [Details](#)
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Roll over image to zoom in

Size: **6-40V to 0-32V Converter**

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DROK® DC-DC3.5-
 28V to 1.25-26V
\$8.56 Prime

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6-40V to 0-32V Converter

\$17.99 Prime

6-55V to 0-50V Power Module

\$35.99 Prime


- It is a DC 6-40V to 0-32V adjustable CC CV buck converter with volt amp display, please note the input voltage should be higher than output voltage at least 1V.
- Numerical Control: there are "-" button for decreasing output voltage/current and output adjustment "+" for increasing output voltage/current in setting mode.
- Dual LEDs accurately displays volts & amps. Press the "OFF / ON" button to turn on/off the output. At no-load state, press "IN" or "OUT " to switch between input current voltage and output current voltage.
- Constant current and constant voltage indication: When the module is in the state of constant voltage (CV) or constant current (CC), the CC or CV led will light on.
- Store set value automatically: in operation process, the LED display state, output current and output voltage setting value and output state will be automatically stored.

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Total price: \$34.98




Orei M8 A
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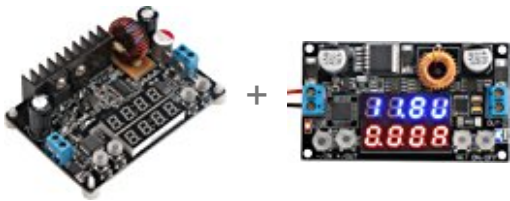
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- ✓ **This item:** DROK® Numerical Control Voltage Regulator DC 6-40V to 0-32V 5A Buck Converter, 24V 12V to 5V... \$17.99
- ✓ DROK® Numerical Control Voltage Regulator DC 5-32V to 0-30V 5A Buck Converter, 24V 12V to 5V Step... \$16.99

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DROK Numerical Control Voltage Regulator



DROK Numerical Control Voltage Regulator



DROK Numerical Control Voltage Regulator



DROK Numerical Control Voltage Regulator

Special Offers and Product Promotions

Size: 6-40V to 0-32V Converter

- Your cost could be \$0.00 instead of \$17.99! Get a \$70.00 gift card instantly upon approval for the Amazon Card. [Apply now.](#)

Technical Details

Size: 6-40V to 0-32V Converter

- Brand Name: DROK
- Item Height: 1.22 inches
- Item Length: 3.35 inches
- Item Width: 2.28 inches
- Item Weight: 0.01 pounds

Product Description

Size: 6-40V to 0-32V Converter

Technical Parameters:
Input Voltage: 6-40.00V
Output Voltage: 0-32.00V
Output Current: 0-5.100A
Output Power: 0-160W
Output Voltage Resolution: 0.01V
Output Current Resolution: 0.001A
Output Voltage Accuracy: +/- (0.5% + 1 digits)
Output Current Accuracy: +/- (1% + 3 digits)
Ripple Wave (full load 40v to 32V/5A): about 100 mV VPP
Dimension: 85 * 58 * 31mm
Note: On the status of output, the input voltage must be higher than the output at least 1V. Please strengthen



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11/5/2016 Amazon.com: DROK® Numerical Control Voltage Regulator DC 6-40V to 0-32V 5A Buck Converter, 24V 12V to 5V Constant Voltage Current Step Down Adjustable Output Power Supply with LED Ammeter working with big current.

Operating Instructions:

- 1. Open or close output: press ON/OFF button one time to open or close output in any state; press again to close output. The LED display will show "OFF" when output is closed.
- 2. Set output voltage and current: Press SET shortly, the LED display will flash. You can press the "+" or "-" button to increase or decrease the value. Short press SET key to switch 0.01V to 0.1V to 1V to 0.01A to 0.1A to 1A to exist adjustment. The set mode will be automatically exited and the current set value will be automatically stored if no action taken for 10 seconds.
- 3. Switch input and output display: At no output state, press the "IN" and "OUT" key to switch the display between input voltage and output current, voltage. The "IN"/"OUT" LED will light on when showing input/output voltage.
- 4. CC and CV indication: When the module is in the state of constant voltage (CV) or constant current (CC), the "CV"/"CC" LED will light on.
- 5. Output current zero calibration: In the no-load state, keep pressing SET key to power on, when the LED display shows 0.00, the calibration is done.
- 6. Store set value automatically

Package includes:
1 x Programmable Power Supply Module

Product Information

Size:6-40V to 0-32V Converter

Product Dimensions	3.4 x 2.3 x 1.2 inches
Item Weight	0.2 ounces
Shipping Weight	1.6 ounces (View shipping rates and policies)
Manufacturer	DROK
ASIN	B01DZSFDE6
Customer Reviews	★★★★★ 21 customer reviews 4.8 out of 5 stars
Best Sellers Rank	#455 in Electronics > Accessories & Supplies > Batteries, Chargers & Accessories > Power Converters

Warranty & Support

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

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Prime



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Date first available at
Amazon.com

April 8, 2016

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1. [Switching Regulator DC/DC](#)  - **Step-Up, Step-Down & Buck-Boost**. Designed For The Unexpected! (li
2. [Step-Down Digital Module](#)  - Delivers up to 80A **output current** from **5V/12V** rails; get datasheet (int
3. [DC-DC Converters](#)  - Sure **Power** Stocking Distributor Fast Shipping. Great Prices. (connector

Customer Questions & Answers

 Have a question? Search for answers

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Question: [it outputs 5A at what voltage ? 50V ?](#)

Answer: It's variable 0-50v by adjusting the dial
By Kyle R. on August 22, 2016

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Question: [1\)Can this unit drive a short? 2\)Is the current output comparable to a linear regulator?](#)

Answer: Check out this video, very informative... https://www.youtube.com/watch?v=W5gjrj_9t_s
By jesse on October 3, 2016

▲
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votes
▼

Question: [What can I use to power this unit? From 115v down to its required input](#)

Answer: According to the directions I received with the unit, the input should be between 6 to 55 Volts DC (not AC transformer and a bridge rectifier to provide the DC input. Be careful to observe the + & - polarities for the damaging the module. The initial setup can be... [see more](#)
By GreatJer on September 9, 2016

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Question: [If powered by solar, will settings be saved overnight and come back to previous settings?](#)

Answer: yes.
By ronnie vanderboegh on October 16, 2016



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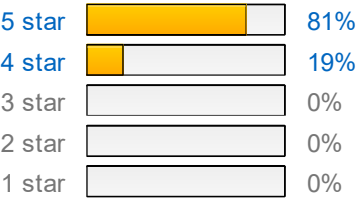
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Customer Reviews

★★★★★ 21

4.8 out of 5 stars



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Top Customer Reviews

★★★★★ DIY Bench Power Supply

By Grant Porter on July 31, 2016

Size: 6-55V to 0-50V Power Module | Verified Purchase

Works great for a DIY bench power supply. Saved a few bucks building one myself and it has a much better interface than the cheap commercial power supplies. Furthermore, I was able to place the bulky AC-DC power supply under the bench so less space taken up on the work surface.

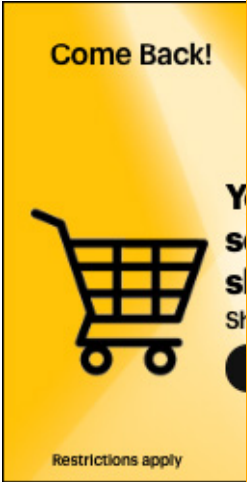


3 Comments | 11 people found this helpful. Was this review helpful to you? Yes No Report abuse

★★★★★ Convenient and Accurate Power Supply

By Tom Stiles (hamrad88) on July 18, 2016

Size: 6-55V to 0-50V Power Module | Verified Purchase



Customer Images



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Most Recent Customer Reviews

★★★★★ Get this one, or two.

This is great. Its now Good price, works nice Published 12 days ago

★★★★☆ Four Stars

it works as specified. Published 28 days ago

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This device fits a need I have for a variable power supply. I have a number of fixed output power supplies that I used with my amateur radio equipment but needed a variable supply. First the physical format was just what I was looking for. It is small (4.2 x 2.7 x 2.4 inches) yet the display is large enough to easily read. The case has tabs on the side so that it can be mounted in a box or cabinet without having to use any mounting hardware. The connector are properly located so that connecting it up is very easy. It has a lot of options for setting the voltage output and current. Setting these parameters is quite easy and can be done quickly. There is a button to turn the output of this device ON or OFF. The input can vary from 6-55 Vdc and output of 0-50 Vdc. You can read the other parameters in the ad above. When the dc to dc converter is used to charge a battery or to be capacitive load, it must be in series with a diode, or the module will be damaged. A power diode is included in the kit for this purpose. Below are some of the measurements I recorded.

Input voltage = 18.8 Vdc
Load was a 10 ohm 1% 5 watt resistor

Test 1:

Output set to 9.10 Vdc at 1.0 Amps
Measured output: 9.07 Vdc at 0.887 Amps on device display and 9.01 Vdc on separate meter

Test 2:

Output set to 5.00 Vdc at 1.0 Amps
Measured output: 4.99 Vdc at 0.491 Amps on device display and 4.94 Vdc on separate meter

Test 3:

Output set to 2.50 Vdc at 1.0 Amps
Measured output: 2.49 Vdc at 0.243 Amps on device display and 2.48 Vdc on separate meter

Test 4:

Output set to 8.00 Vdc at 0.40 Amps (for constant current)
Measured output: 4.07 Vdc at 0.40 Amps on device display and 4. [Read more >](#)

[Comment](#) | 7 people found this helpful. Was this review helpful to you? [Report abuse](#)

★★★★★ **Very nice device, the display is quite clear and bright ...**

By [Larry Batraw Jr](#) on August 11, 2016

★★★★★ **Great c**
This little display met
If you need a power s
this is for you.
Published 28 days ago

★★★★★ **Five St**
Excellent for building
Published 1 month ago


★★★★★ **Great u**
programming
Great product, I liked
3 more, one as a gift f
Voltage to .01 volts, c
Published 1 month ago


★★★★★ **Five St**
Fantastic piece of equ
an enclosure at the rig
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★★★★★ **Drok n**
voltage regulator
Arived on time and product meet my needs very well
, will buy again.
Published 1 month ago

★★★★★ **Very In**
Initially, I had a proble
use the devise.
But, after carefully rea
instructions I was able
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★★★★★ **I am ve**
regulator
I am very satisfied wit
it as my variable bend
had no issues with it.





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Size: 6-55V to 0-50V Power Module | **Verified Purchase**

Very nice device, the display is quite clear and bright (At least when used inside, as I do). Although the interface is a bit cryptic a couple moments reviewing the instructions are fine to allow you to change settings. The display showing the voltage/current/power updates a little faster than once/second. Dropout voltage is 1 volt (It's not possible to set the output voltage to more than the input-1), which is reasonable. It's worth noting that the picture may make the size of the device seem larger than it really is; it's about 3.1x1.7 inches and 1.9 inches deep (A few capacitors and an inductor project from the back). Very happy with the overall quality and performance.

[Comment](#) | 3 people found this helpful. Was this review helpful to you? [Report abuse](#)

★★★★★ **Great device**

By [Joe B.](#) on July 13, 2016

Size: 6-55V to 0-50V Power Module | **Verified Purchase**

This little thing is a great front end for a homebrew power supply. It is very accurate in both voltage and current. There are several menu's that allow you to set various current and voltage levels and save them to memory. It has a nice little display and the knob is actually an encoder with a push mode to select things. I tested the voltage output with my 4 1/2 digit DVM and it was within a millivolt or so. the current reading was within a couple of milliamps of the fluke. It seems to update the values at about 1 or 2 Hz. Very nice little device...

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★★★★☆ **Nice unit. The voltage is easy to adjust and ...**

By [Pop N Wood](#) on July 20, 2016

Size: 6-40V to 0-32V Converter | **Verified Purchase**

Nice unit. The voltage is easy to adjust and going to be handy to have the real time current reading. Wish the external connectors were a bit more heavy duty but for breadboard experiments this thing will work well.

[Comment](#) | 2 people found this helpful. Was this review helpful to you? [Report abuse](#)

★★★★☆ **Control Voltage Regulator DC 5A Buck Converter, 24V 12V to 5V Constant Voltage out from DROK®**

By [CDP and his Amazon Habit of purchases!](#) on October 4, 2016

Size: 6-40V to 0-32V Converter | **Verified Purchase**


Published 2 months ago

★★★★★ **This is**
are other product go


This is a brilliant prod
up to 40Volts but will
very happy finding this

Published 2 months ago


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\$8.56 **Prime**

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This DROK® Numerical Control Voltage Regulator DC 6-40V to 0-32V 5A Buck Converter, 24V 12V to 5V Constant Voltage Current Step Down Adjustable Output Power Supply with LED Ammeter Voltmeter Display, long titled as it is, is a nice offering. It is fairly priced and performs well, once you get the hang of the operations. I will use it on the bench for a while and if it performs better than expected I will revisit this review and give reasons and a star upgrade if necessary or I will downgrade as I see necessary. So far I like it and think it is worth the price paid, \$17.99.

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★★★★★ **I love this. I have been wanting a adjustable power ...**

By [eventhorizon](#) on November 3, 2016

Size: 6-40V to 0-32V Converter | **Verified Purchase**

I love this. I have been wanting a adjustable power supply that you can control the constant current or constant voltage and this is exactly that. I might make a clear case for her. I first day with out doing anything special easily able to find the cutout voltage and the current used of several things I was going to power with batteries and well it helped me find the right type of batteries. Then will building a 0 current circuit it helped save my chip because it shut off when I wired it in backwards and tried to pull current so win win.

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★★★★★ **As a bench supply I couldn't be more happier. I like being able to look over and ...**

By [Joe](#) on October 24, 2016


Size: 6-40V to 0-32V Converter | **Verified Purchase**


The supply I have bought so far. Top quality components. Definitely worth the \$18. This thing can also charge batteries directly by utilizing both Constant Current, then topping off with Constant Voltage. Nothing to think about. Simply set your amp rating and voltage, hook up a battery and power on.


As a bench supply I couldn't be more happier. I like being able to look over and seeing how much current is being drawn. Great product. Stick with DROK as they are a real brand that makes their own hardware. Unlike other items I have seen like "BOBS Pro Micro" which is an Arduino Pro Micro sold by Bob....

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