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- current output
- Large current output can be used as a DIY USB fast charger for your car, smart phone, and tablet, or as a 36V 24V 12V 9V to 5V buck converter power supply module
 - Maximum Conversion Efficiency: 92%, Module Size: 50 X 35 X 12mm/1.97 X 1.38 X 0.47inch(L*W*H)

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- ☒ **This item:** Icstation DC-DC Voltage Regulator LM2596S Buck Converter Step Down Power Supply Module 6-40V to 5V... **\$8.85**
- ☒ **DZS Elec Mini DC 6-24V 24V 12V to 5V 3A USB Buck Voltage Converter Regulator Power Supply Module USB...** **\$6.99**

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DROK 090187 DC-DC Volt Buck Converter Step-down Regulator 8-50V 12V/24V/36V to 5V 3A...

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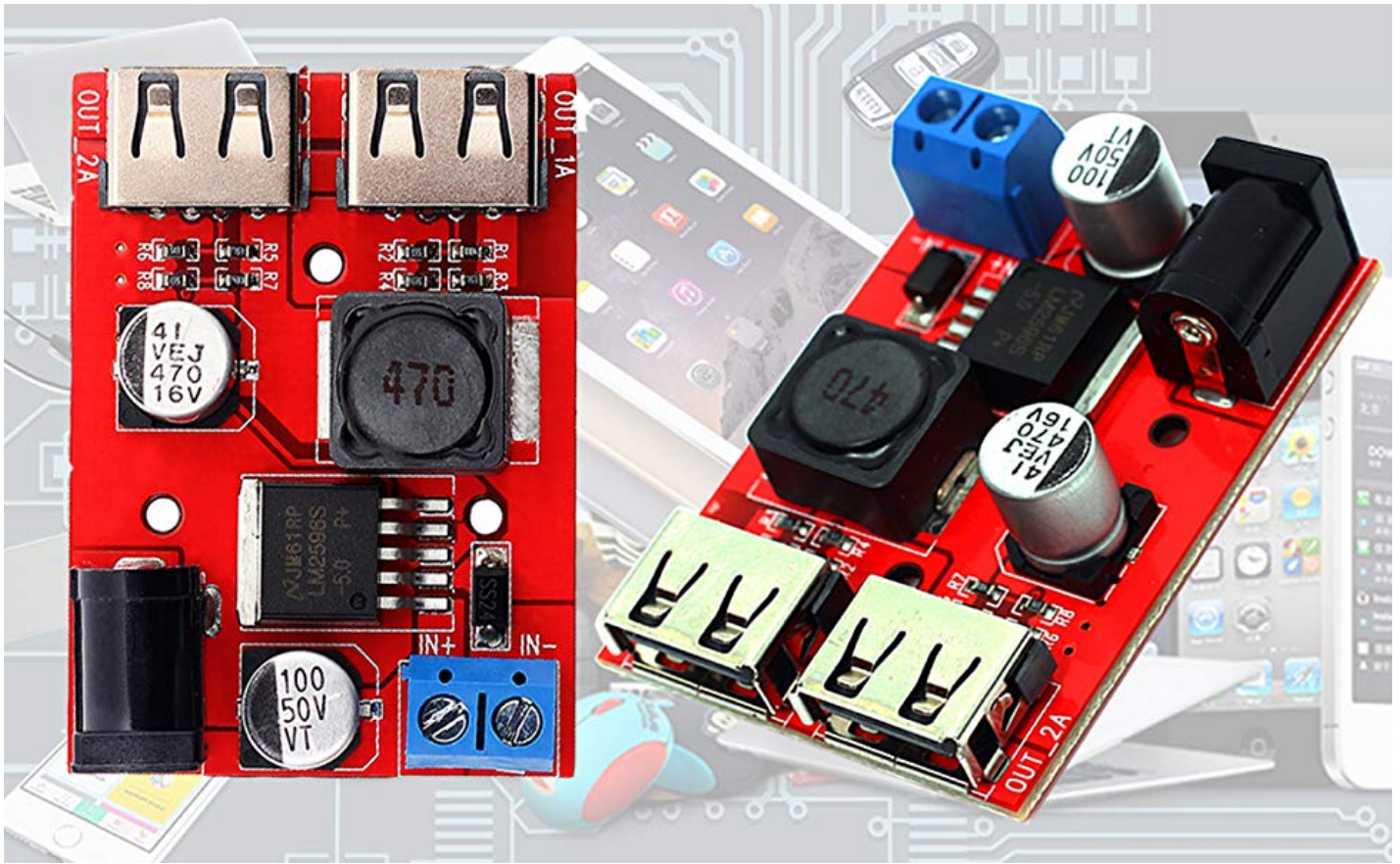
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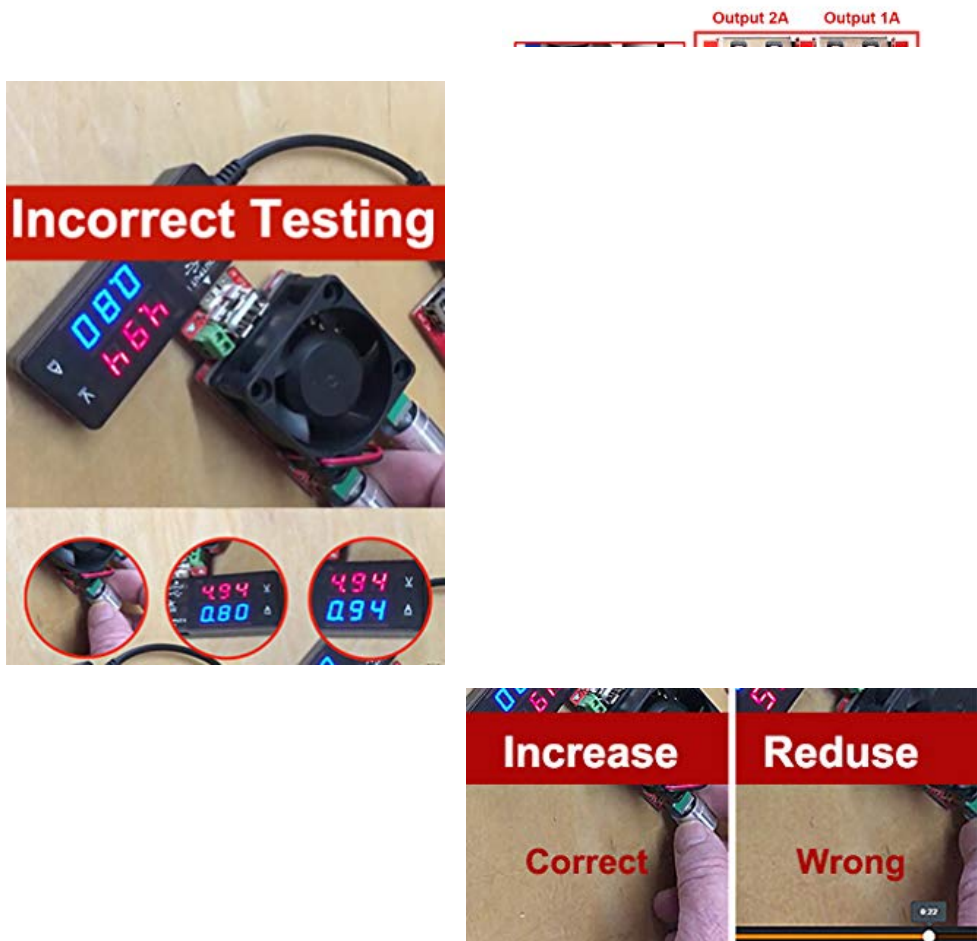
Product Description



Icstation LM2596S DC to DC Voltage Regulator Dual USB DIY Charger Step Down Buck Converter 5V 3A (Max)



This is a mini DC step down voltage converter module with fixed 5V voltage output, and 3A (Max). On-board DC 5.5X2.1mm power jack socket and 2pin screw terminals as the input power port with DC 6-40V voltage input and 2 USB power output port ideal for DIY USB charger for your electronic devices such as power bank, smart phone, tablet or 9V/12V/24V/36V to 5V converter module.



Please pay attention to thumb
You were reducing it, that was create a false impression that the load current (blue numbers) drops severely, it was a wrong operating.

Public Letter to the Incorrect Video in Review

Dear GF,

.



DC step down voltage converter module with fixed 5V voltage output.

.

Other Power Supply Modules:

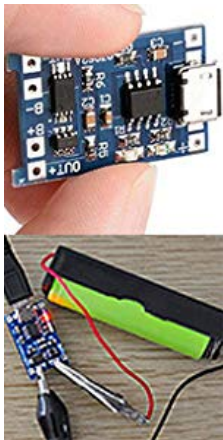


2 USB output ports, 5V 3A (Max);



DC 5.5X2.1mm power jack socket, 2 PIN screw terminals; Input DC 6V-40V.

.



TP4056 Micro USB 5V 1A 18650 Lithium Battery Charger Board







Adjustable Buck Converter DC Voltage Regulator Step Down Power Module



DC to DC Voltage Regulator Step Down Up Power Supply Converter Module

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Customer Rating	(20)	(16)	(20)	(17)
Price	\$8 ⁸⁵		\$6 ⁹⁸	\$13 ⁹⁹
Sold By	icstation	DROK	DZS Elec	DROK
Size	DC 6-40V to 5V 3A	1 USB Port + 1 DC Port	DC 5V-36V to 5V 3A	5A

Product information

Product Dimensions	2 x 1.4 x 0.5 inches
Item Weight	0.64 ounces
Shipping Weight	4 ounces (View shipping rates and policies)
Manufacturer	Icstation
ASIN	B01IY4QFXE
Item model number	5V Dual USB DC Voltage Converter Charger

Feedback

If you are a seller for this product, would you like to [suggest updates through seller support](#)?

Would you like to [tell us about a lower price?](#)

Customer Reviews

20 customer reviews

4.3 out of 5 stars


Best Sellers Rank

#492 in Power Converters

Date first listed on Amazon

July 23, 2016


Related Video Shorts | Upload your video



3:11

Customer Review: Great option for higher...

Ben J.



0:35

Customer Review: This product can only...

GF

Customer questions & answers

Have a question? Search for answers

- 1 vote

Question:

If the barrel plug was getting 12v from the wall and the screw terminals had a 12v battery, would it sustain 5v if barrel plug was removed?

Answer:

You can not provide the power supply to the two power input port, that will damage the module, you can only provide the power supply to the screw terminals or the DC 5.5*2.1mm port
By icstation [SELLER](#) on July 28, 2016
- 0 votes

Question:

Is there a version of this buck converter that will take 0.4 volts and step it up to 5v or higher?

Answer:

Hi Friend, sorry that it can not, the mimum module we have is 1 volt to 5V, here is the link:<https://www.amazon.com/dp/B01N6EKHZR>

Regards ... [see more](#)
By icstation [SELLER](#) on October 9, 2017
- 0 votes

Question:

What type of wall adapter should be used with this product?

Answer:

A AC to DC adapter with at least a 6v DC output. I used a 12v DC one with 3 amp capacity
By S. Keith Sines on January 29, 2019
[See more answers \(1\)](#)
- 0 votes

Question:

What's the polarity of the barrel plug?

Answer:

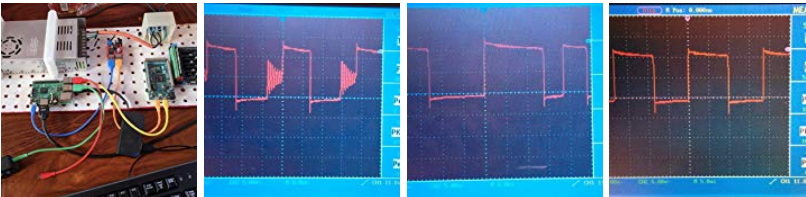
Center positive.
By Richard Hartsel on April 19, 2018
- See more answered questions (9)

20 customer reviews

4.3 out of 5 stars



Customer images



See all customer images

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Write a customer review

- usb ports
- works well
- board
- load
- volts
- charging
- voltage
- input
- setup
- jack
- supply

Top Reviews



GF

This product can only produce 1amp output at 5 volts ...

December 20, 2017

Verified Purchase

Buyer beware: This product does not hold up to it's claim of producing 3 amps at 5 volts. What you are seeing is a video of a "Load" being placed on this board. The board is powered by a clean regulated 12 volts from a power supply that is capable of producing 10 amps. As you see the load increase (blue numbers in milliamps) you will see the voltage drop below 5 volts.(Not good) And from there you can clearly see what this board is not capable of what it is advertised as. As I increase the load

the voltage severely drops to a level that will not allow charging. At a level 5 volts I was only able to get 20 milliamps.

19 people found this helpful

- Helpful
- Comment
- Report abuse



Preston L. Bannister

It works ... maybe.

February 9, 2018

Verified Purchase

Not much to say about this. It works.

I have a prototype for a new 3D printer, that uses a 24V power supply. The controller boards (Raspberry Pi 3, Arduino Due) are powered by this board via USB cables. The prototype setup has been powered for months, and works. Plus my grandson has used USB to re-charge a phone and tablet. It works.

A later update...

Seems this does *not* work with the new Raspberry Pi 3 B+. The red power LED on the Pi blinks, indicating some problem with power. (This is exactly the same setup that works fine for the older Pi 3.)



5 people found this helpful

- Helpful
- Comment
- Report abuse



Customer

Good product - performs up to par, as expected

January 2, 2019

Verified Purchase

- Physical appearance:
- The product arrived undamaged and well packed in a sealed anti-static bag in a padded envelope.
 - The package contained only the product, no instructions, papers or booklets. The helpful

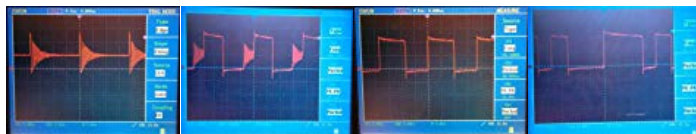
illustrations in the listing contain all the necessary spec.

- Board dimensions correspond to what is advertised.
- The product appears exactly as in the listing.
- cursory visual inspection revealed no abnormalities or visible defects.
- Product appears to be professionally made on a mechanized assembly line.
- Electrical parts have correct labeling and proper electrical ratings.
- One USB port has a label for 1A, the other has a label for 2A.

Function:

- There are two ways to supply power to the board: either via a standard jack (positive properly on the inside, as expected) or a 2-prong terminal block.

[Read more](#)



One person found this helpful

Helpful

Comment

Report abuse



xavier villa

seems like great quality

August 12, 2018

Verified Purchase

Was delivered on time. Seems like high quality. The USB ports feel very sturdy. parts are all soldered well. Unfortunately I decided not to follow through with the project I planned on using this with in my car, so I havent tested this unit but im confident it works well. It has much better design than those several dollar car cigarette lighter usb things, and even those work decently well. So this should give nice steady current.

One person found this helpful

Helpful

Comment

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Derek B.

Great little Buck Converter

January 3, 2019

Verified Purchase

This is a very neat little Buck Converter. It's got a nice and small form factor so it doesn't waste space. The board was in perfect condition, and seems rather durable. Unlike some cheaper boards I've purchased, this board was assembled perfectly with good traces and good solder connections.

It's a pretty simple circuit, but it does what it needs to do. I ran my board off of a 9V barrel connector plug, and I was able to charge my phone and Tablet out of the 2 USB ports on the other side of the board. I built a little wooden enclosure for my board, and mounted it under my desk. Basically, I made a tiny wallwart, that can charge 2 devices.



2 people found this helpful

Helpful

Comment

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the_river_nihil

or pretty much any DC source at all

February 1, 2018

Verified Purchase

Charge your phone with practically anything! Takes 9v batteries from the store, or you can plug it into a car battery, or the power lines from a sprinkler system, or pretty much any DC source at all.

Good shit. Would be nicer with a housing, but I'll take what I can get.

2 people found this helpful

Helpful

Comment

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Runali Patil

Charging unit works as expected. I tried charging iphone ...

May 13, 2018

Verified Purchase

Charging unit works as expected. I tried charging iphone and took 2 hrs to charge it completely. I have to find out how long it takes to charge 75-85%.

Need to know if I can use "input jack with 6-40V voltage input" to charge attached battery? which I am using as a backup power bank unit. Please let me know. Thanks.

2 people found this helpful

Helpful

Comment

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Ben J.

Great option for higher voltages!!

December 26, 2018

Verified Purchase

I tested this unit with a 1.6amp load (didn't have a 2amp) and it was able to deliver that amperage on BOTH the 1amp port and the 2amp port. At really low voltages (6v-9v)the amperage will be lower but comes on strong around 10 volts. This would be a fantastic option for an ebike or solar setup. Also, totally awesome if you have a large RC battery! This product was provided at no cost for evaluation.

Helpful

Comment

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