
How much does it cost to convert 48V to 5V

What is 48V to 5V buck converter?

48V to 5V isolated DC-DC converter is a buck converter that uses a synchronous rectification technology, and features high efficiency and power density. It provides that rated output voltage of 5V and the maximum output current of 20 amps. 100% full power, high stability output.

Where can I buy a 5V DC/DC converter?

DWE offers a wide range of DC/DC converters. Via the form below you can easily order this 5V converter. This DC/DC converter is available from stock or with a short delivery time. The LY350-DD5-C is a 5V converter of 350W. This DC/DC converter can convert 48V to 5V DC and supply a direct current of 57A.

How do I convert 48V to 24V?

If you really want to get +48V/-48V to +24/-24V there is a way (possibly). For the 48V to 24V you can use a buck converter such as TPS40200 which accepts input voltages up to 52V.

There are varieties on Texas Instruments websites under buck converters. For the -24V output you can use a buck-boost topology that would convert the 48V to a -24V.

What is a 5V converter used for?

This 5V converter also offers a galvanic separation between the input and output. Inverters are used in situations where a DC voltage of a certain value has to be brought to a higher or lower value. It can also be used to make a stable voltage from an unstable voltage, or to separate two circuits from each other.

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