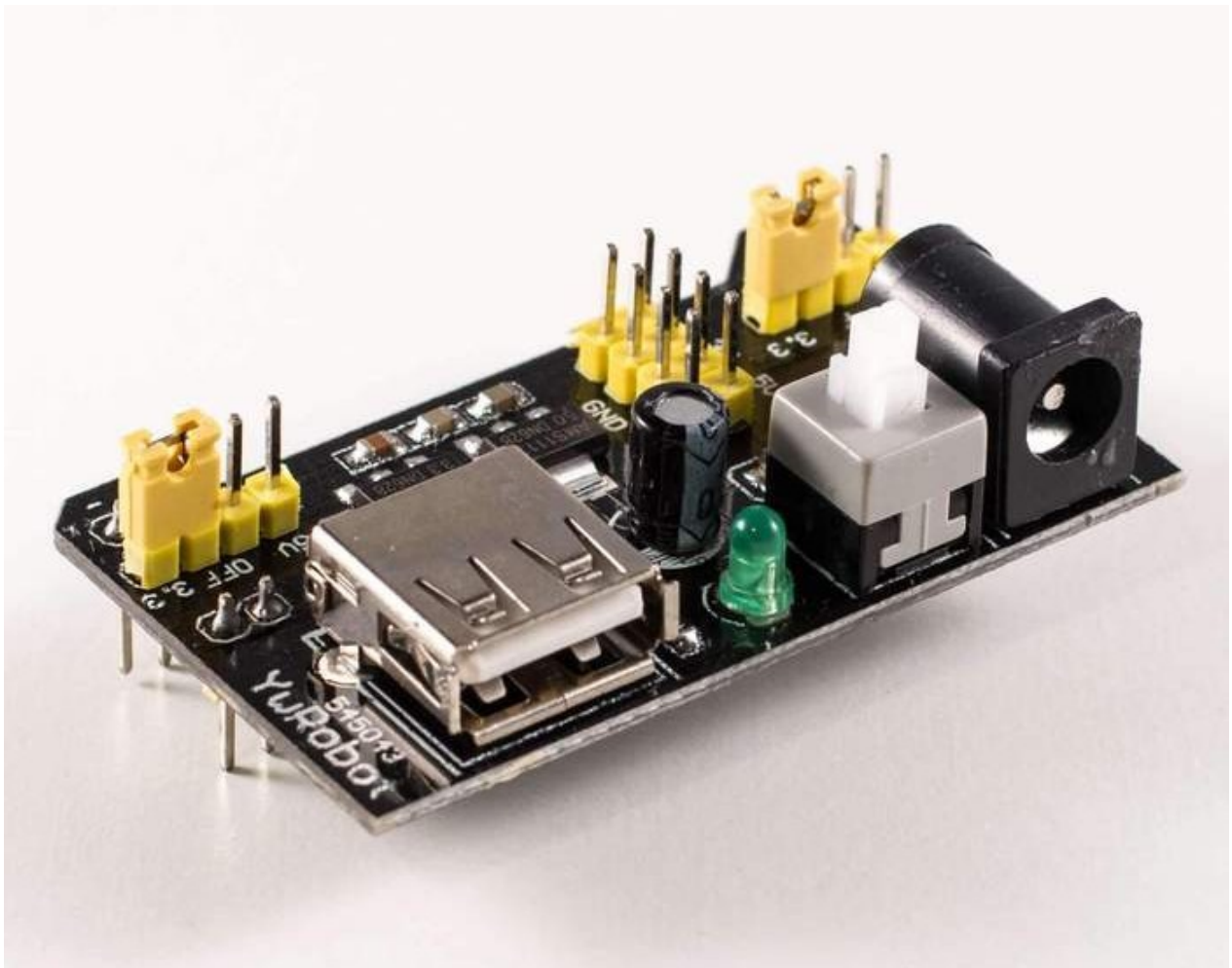


AZ-Delivery

Welcome!

Thank you very much for purchasing our AZ-Delivery MB102 module. On the following pages, we will introduce you to how to use and setup this handy device.

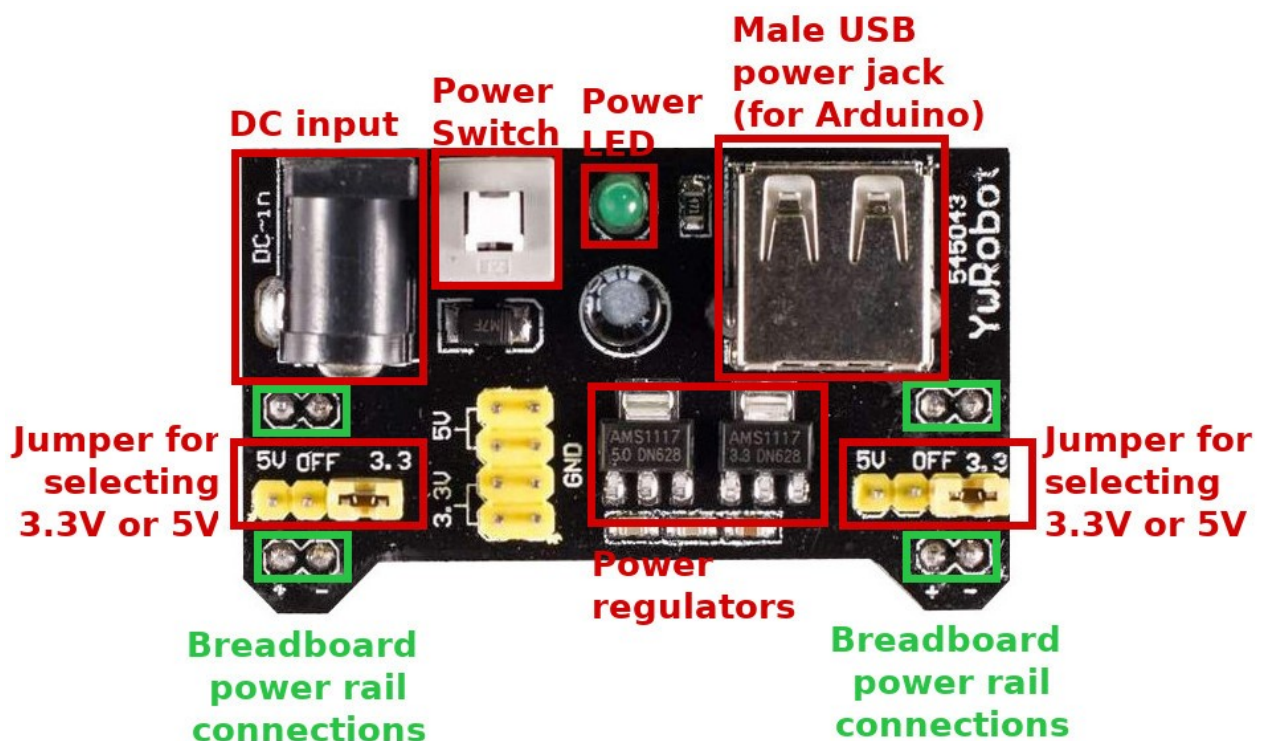
Have fun!



Az-Delivery

The MB102 power adapter is very powerful and useful tool to have when you are prototyping electronics on breadboard, or in general. It can serve as DC stable power supply for many of your projects.

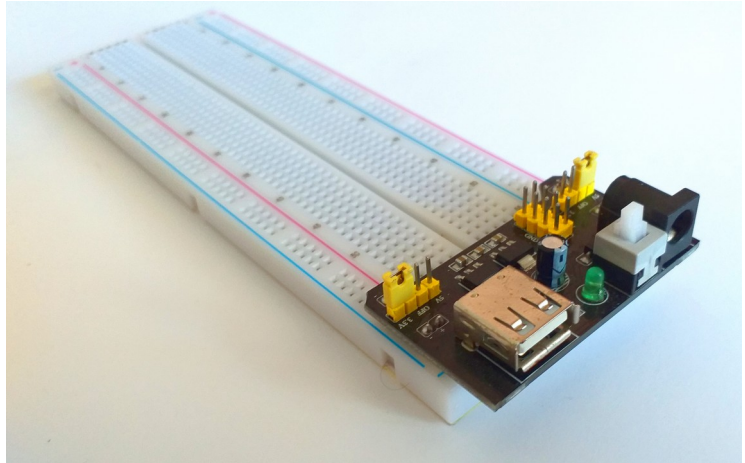
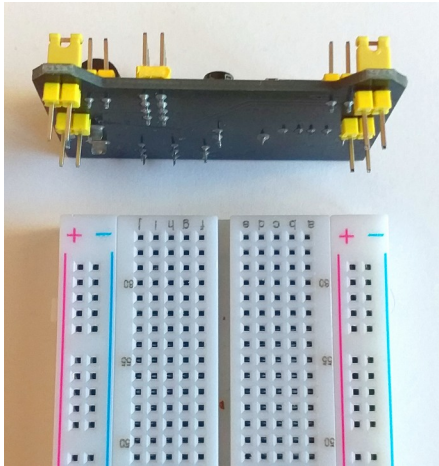
On input of MB102 module you get 2.1 male DC power jack, on which you can connect DC voltage in range from 6.5V up to 12V. Output will be stable +3.3V or +5V thanks to two power regulators in the middle of board (on image below). Which output will be chosen, +3.3V or +5V, depends on position of yellow power jumpers (image below)



To power up the module you have to connect to the input DC voltage in range from 6.5V up to 12V and turn on power switch. When the module is powered up, green Power LED will be turned on.

Az-Delivery

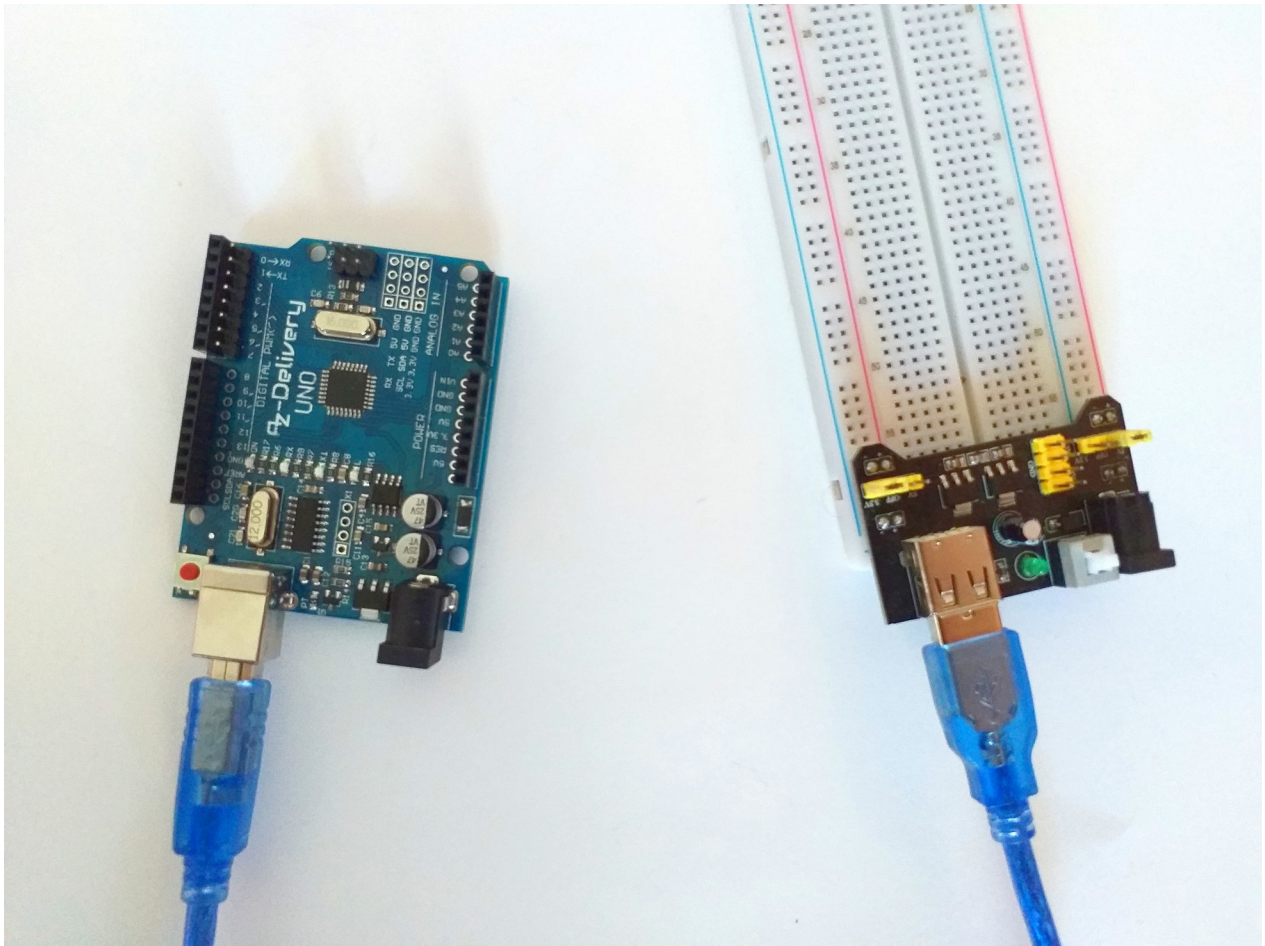
To connect MB102 module to the breadboard, just make sure to connect bottom ends of module to the power rails of the breadboard (images below).



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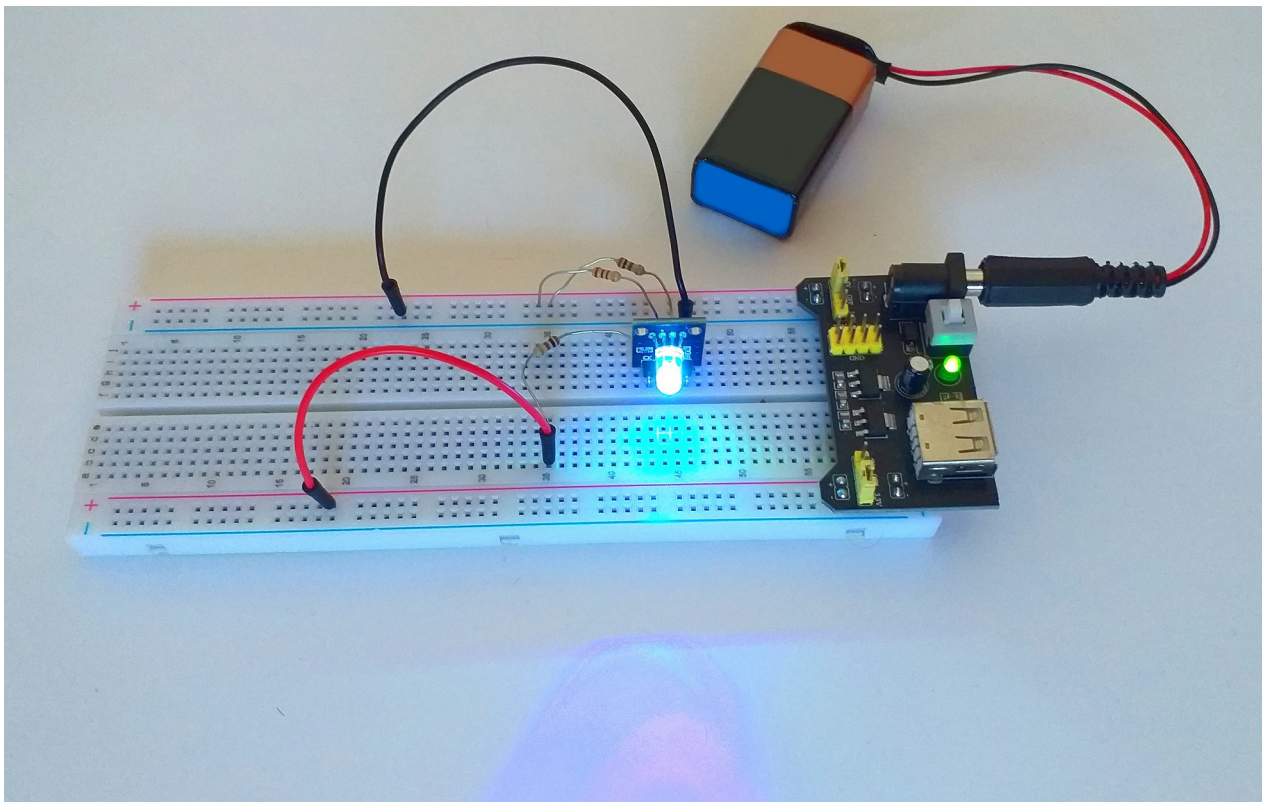
Application examples

There is male USB power jack for powering for example an Arduino board, or any device that uses USB port as power jack.



Az-Delivery

In another example we use breadboard to connect our RGB LED with power supply from MB102 power adapter. We connect MB102 power adapter with 9V battery. Green and Blue pins of RGB LED are connected to the +5V via 100Ω resistors, and Red pin is connected to the +3.3V via 100Ω resistor, just for example. Ground pin of RGB LED is connected to the ground pin of MB102 via black wire.



You've done it, you can now use your module for your projects.



Now it is time to learn and make the Projects on your own. You can do that with the help of many example scripts and other tutorials, which you can find on the internet.

If you are looking for the high quality products for Arduino and Raspberry Pi, AZ-Delivery Vertriebs GmbH is the right company to get them from. You will be provided with numerous application examples, full installation guides, eBooks, libraries and assistance from our technical experts.

<https://az-delivery.de>

Have Fun!

Impressum

<https://az-delivery.de/pages/about-us>