

P3120-1K MBI-DC converter



This device is used mainly in conjunction with the MBI-rechargeable battery 6 V/10 Ah magnetic P3120-1B, or MBI-fixed voltage transformer magnetic P3120-1N, for carrying out experiments in which stabilized and variable DC voltage able to be loaded moderately is required but no electrical outlet is available.

Note especially the connection to the MBI-rechargeable battery 6 V/10 A, since often no power outlet is conveniently available nearby when doing experiments on a magnet board.

The converter provides infinitely variable, stabilized DC voltage from 0 to about 12 V. The maximum permanent load is 3 A. The current voltage output is shown on a digital display 26 mm high with 2½ decimal places.

Technical Data:

Power supply:	P3120-1N MBI-fixed voltage transformer or P3120-1B MBI-rechargeable battery, 6 V/10 Ah
Output:	4 mm safety receptacle, permanently protected against short-circuiting
Voltage display:	LED, digit size 26 mm Potentiometer for regulating the output voltage 3 mm LED indicator for power source voltage
Case:	Plastic, ABS
Dimensions:	approx. 160 x 120 x 45 mm
Weight:	approx. 540 g

With the L-shaped assembly platform P3120-4A (height: 240 mm) the MBI-DC-converter in connection with the MBI-rechargeable battery 6 V/ 10 Ah or MBI-fixed voltage transformer can easily be converted into a “table-model”.

