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## M172N - Bicycle Power Charge Controller USB



Allows the connection of mobile phones, navigators, PDAs, MP3-players, etc. to a bicycle dynamo. The charge controller has an USB-A jack. It is thus possible to use many charging cables of various devices. A charging cable with micro USB plug is enclosed. In addition this charge controller is especially powerful: input voltage up to max. 70 V (may occur with hub dynamos at very high speeds). Output: 5 V max. 800 mA (if your dynamo can produce this output, otherwise the current is lower: max. approx. 500 mA).  
 M172N installation hints

How can this device provide power even while standing still?

### Supported Devices

#### Technical Data:

Input: 6 V bicycle dynamo (also suitable for 6 V hub dynamos, which may supply up to 70 V at high speeds)

Output: via USB-A jack approx. 5 V stabilized ( $\pm 5\%$ ) max. 500 mA with a normal dynamo or 800 mA with a more powerful dynamo

Switch: installed change-over switch for charging operation USB jack or bicycle light (both at the same time is not allowed)

LED display: lights up during the USB charging operation.

Fastening: with cable straps at the handlebar

Connecting cable USB-A to micro USB is enclosed

The regulator may also be operated at accumulators of electric bicycles 24 - 36 V

Dimensions: approx. 70 x 62 x 42 mm (without switch)

