

Press release

M410 - Bafang's powerful "all-round" mid-range motor. Designed and refined for eMTB, eTrekking, and eCargo bikes with demanding requirements and riding terrains.

The light, powerful mid-mounted motor shines with excellent performance data. It is ideal for applications such as eMTBs and their riders who call easy- to moderately-difficult mountain trails and climbs home. A motor which delivers the feeling of being an ultra-athlete!

Suzhou, May 2022 - As one of the world's leading manufacturers of eBike drive systems, Bafang is constantly striving to meet the demands and requirements of the bike market. For this reason, existing products and drive systems are checked continually and modified to ensure that they are up to date and meet evolving parameters. The M400 mid-mounted motor had a complete makeover, and the result is impressive, the M410. In comparison, the two motors deliver almost identical performance data, such as 80 N.m. torque (at max. 120 Rpm), 250W, and a sizeable 700g was shaved off the M410's weight – only 3.2kg (a reduction of 18% from the M400's 3.9kg). Keeping the high performance while saving weight makes the M410 motor a real all-rounder and multi-talented in its application in multiple e-bike categories. Whether implemented in an eTrekking, eMTB, or eCargo bike, it feels right at home in these disciplines with up to 25km/20mph (class 1 and 2 for North America).



Photo: Bafang

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Smooth starting, powerful acceleration

The M410, like all Bafang drive systems, shines with a smooth start-up behavior and supports the rider with strong acceleration. The powerful and quiet motor ensures a pleasant ride flow and thus riding stability. The maximum support of up to 80 Nm takes the "sting" out of every climb and puts a smile on the rider's face.

In terms of technical aspects, the M410 is fully integrated into the Enviolo transmission system and has an identical connection interface, in line with the already familiar M500/M510 mid-mounted motors.



M410 Drive System

- MM G333.250.C
- DP C244.CAN
- BT F16.630.C

M410 in a set/Photo: Bafang

The motor can be combined with various stylish HMIs, such as the DP C244/245.CAN, DP E180/181.CAN or the displays DP E170/171.CAN. As the power interface of the M410 motor is designed for down tube batteries, the fully integrable BT F16.630.C battery system (630Wh) offers an ideal option for an energy source.

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About BAFANG: www.bafang-e.com

Bafang, one of the leading manufacturers of e-mobility components and e-drive systems, has been developing components and complete systems for electric vehicles since 2003. The company is listed on the Shanghai Stock Exchange (603489.SS) and focuses on all global e-mobility trends of the future: be it individual e-bikes, e-scooters or for public bike sharing systems. Bafang employs over 1000 people at ten international locations worldwide. The headquarters, development and production centre are located in Suzhou, in the immediate vicinity of Shanghai/China.

Bafang has sales and service centres in the Netherlands, the USA, Germany, Denmark, France, Italy, Japan, and Taiwan/China. The newly opened plant in Poland focuses on the production of mid-motor systems for the European markets.

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