

## Press release

**For immediate release**

## Bafang 2017 – M-Series Mid Motors and InTube Batteries

### **Bafang launches M-Series - currently the most powerful mid motors for E-MTBs and Speed-Pedelecs/ New InTube integrated downtube battery options**

*Suzhou, PRC, August, 2017* – Bafang, one of Asia’s leading manufacturers of e-mobility components and complete e-drive systems introduces a breakthrough in power mid motor technology and multiple new options for integrated downtube batteries.

e-MTBs are a driving force behind bicycle product development worldwide, whether this is the integration of drive train and battery, software programming and tuning, or most of all the overall frame design especially for full-suspension bikes. The added power, weight, center of gravity, wheel size and tire options plus the new ride dynamics (powered uphill riding) all set new challenges for mechanical engineers and product managers of both e-drive systems and bike brand.

And the race is on to create the most powerful, the most compact or the most versatile high end drive trains, battery and software solutions.

Bafang now also enters the high end competition with a completely new developed platform of three mid motors for the various global speed and wattage restrictions.



Bafang M600-Series mid motor with InTube battery and display

The geared M-series mid motors, the M500 with 250W or the M600 system with 350 / 500W engines offer peak torque values of 95 (M500) to 120Nm (M600). This results in a complete program of EU compliant 25km/h (Pedelec) and 45km/h (S-Pedelec) and 20m/h-28m/h US versions.

# BAFANG

Combining this with a single or double chainring (32T/44T) option will deliver multiple gearing choices for the many MTB sub-categories. The ultra-short RC compatibility of less than 450mm and a Q-Factor of only 177mm will make the motor just perfect for nimble and uphill-ready hardtail and full suspension E-Mountainbikes.

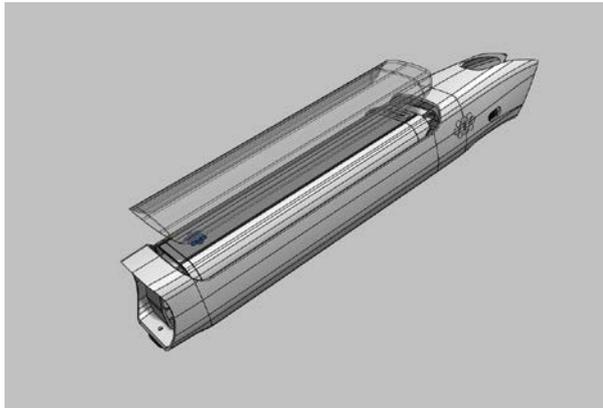


Bafang M500 center motor with integrated downtube battery in a FS and Hardtail frame concept

With industry leading system weights less than 3,0 and 3,4 kg, ISIS drive BB, customization of motor covers and alloy bash guards, and potential for private labelling, Bafang again sets a new standard amongst global e-drive train manufacturers.

The M-series systems will be compatible with the new 370Wh or 600Wh F-Series InTube batteries, both for under or top downtube insert positions, as well as the semi integrated battery with 1.000Wh maximum.

**BAFANG**



Bafang F-Series battery for under or top insert downtube position

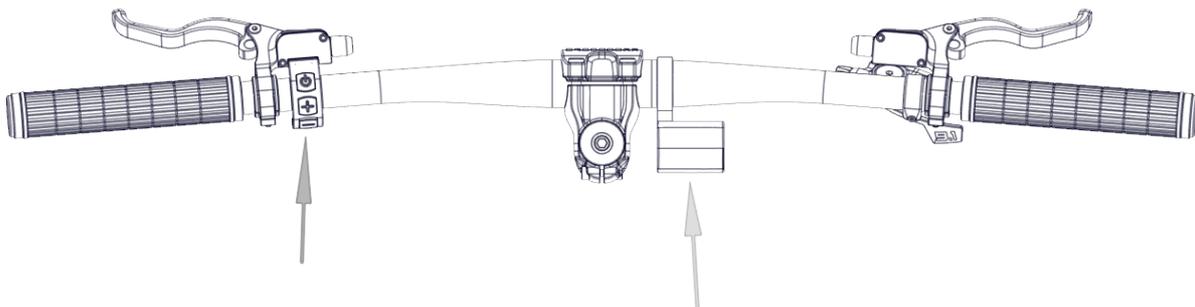
All batteries currently use 18650 cells from Panasonic/Samsung. In the near future these will be offered with the new 21700 cell standard. CanBus and UART communication protocol and two different charger options with 2 and 3 A charging capacity will complement the battery offering.

Announced earlier in March this year, Bafang is progressing on an automated battery production facility in Suzhou for the assembly of the battery core packs. The strategy includes that customers in the future can also chose to develop their own final battery pack size, shape and material or cosmetic design options.

### **Bafang-display and remote control**

Bafang has chosen an ergonomic and clean handlebar remote to intuitively control the drive system and centered display- one that can even be operated with winter gloves. It connects via cable to a display with an inside handlebar mount position as well as on-stem bracket options.

An easy to read user-interface design with 5 modes and a walk assist function, USB-out and a BLE chip for peripheral devices, like smart watch, smart phone or heart rate monitor connection completes the package.



Bafang new coming remote control and inboard display



M-Series motors and matching accessory parts as displays, remote controls etc. will be available as of Q2- 2018. F-Series InTube batteries will be available from Q3, 2018.

**For more information and test rides please visit Bafang  
@ Interbike - booth 20177, DEMO AREA: C 13**

Download high-resolution images here: [www.dropbox.com/Bafang 2018 News](http://www.dropbox.com/Bafang 2018 News)

**Media Contacts:**

Europe:

Alban Manz, Uwe Weissflog

inMotion mar.com

Email: [alban.manz@inmotionmar.com](mailto:alban.manz@inmotionmar.com), [info@inmotionmar.com](mailto:info@inmotionmar.com)

Tel: +49 711 351 640-93 / -91

USA:

Ed Benjamin

Bafang Science Inc.

Email: [edward@bafang-e.com](mailto:edward@bafang-e.com)

Tel.: +1 239 410 5187

International:

Jack Brandsen

Bafang Electric Motor Science-Technology B.V.

Email: [jbrandsen@bafang-e.com](mailto:jbrandsen@bafang-e.com)

Tel: +31 852 737 102

**About BAFANG: [www.bafang-e.com](http://www.bafang-e.com)**

Bafang, one of Asia's leading manufacturers of e-mobility components and complete e-drive systems, has been developing components and complete systems for electric vehicles for more than ten years. Bafang currently has a yearly manufacturing capacity of up to one million motors and system for e-bikes and electric scooters.

Bafang employs more than 300 staff worldwide in three locations. The head office, development and manufacturing center is based in Suzhou, near Shanghai.

Since 2012 Bafang has sales and service center in the Netherlands and recently opened one in Las Vegas, USA.

*This release is issued by Bafang Electric (Suzhou) Co., Ltd. which retains the ultimate responsibility for the content.*