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Press release

For immediate publication

Bafang BT F09.430C – New InTube battery adds a long-range option to the M800 drive system for eRoad, eGravel and eCross bikes

E-drive systems are ready to conquer the road and gravel bike segments – and range is THE issue for riders of all kinds. Thus, Bafang now extends its battery portfolio for the ultra-compact M800 drive system, presenting the BT F09 model with 430Wh energy content

Suzhou (PRC) / Taichung (ROC), October 9th, 2019 – Bafang, one of the leading manufacturers of e-mobility components and complete drive systems, expands its battery collection for sportive e-bikes with the introduction of the BT F09.430.C, offering 430Wh of energy content. First production models will be on display at Bafang’s booth (Splendor Hotel 1507 & 1508) during the Taichung Bike Week from October 16th to 18th.

Up until now, the 200Wh BT F05.200.C InTube battery persuaded product managers with its stunningly light weight of just 1.6kg. And for ambitious riders, the capacity was enough for up to 150km of motor support – when using the “electric tailwind” mainly for accelerations and as a helping hand in the back on longer, steeper climbs. These riders spend most of their time above the legal support speed limit of 25 (Europe) to 32 kph (USA; 18-20mph).



But in a fast-growing market, there’s a broader range of customers to be addressed – namely the ones who use their sportive new e-bike for a more relaxed ride experience instead of going out for regular sweaty training rides. Or the endurance rider, opting for longer distances over rolling terrain or longer climbs in the spectacular landscapes of the Dolomites, the French Alpes or the Pyrenees, to name just a few.

BT F09.430.C with optional black cover



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The new BT F09 InTube battery as well as its BT F05 cousin apply the same design and main technical features:

- High energy density due to Bafang's unique 43V battery design
- Premium battery cells (type 21700)
- Long service life
- Full integration into the frame's downtube
- Charging on/off the bike – with two charger options to choose from (2A/3A charging current)
- Capacity indicators (LED) on the side of the battery



Technical data	BT F09.430.C	BT F05.200.C
Nominal voltage	43V	43V
Nominal capacity	10.0Ah	5.0Ah
Energy content	430Wh	200Wh
Charging time (charge current)	6.0h (2A)	3.5h (2A)
Dimension (L*W*H)	370*61*85mm	368*53*75mm
Weight	<2.65kg	<1.60kg

Both battery options can be a harmonious match for eRoad or eGravel bikes, yet also for sleek flat handlebar Urban or Cross bikes – each with its own focus: The BT F05.200.C is meant for ambitious athletes seeking for the lightest possible ride. And the new BT F09.430.C with its higher capacity might attract recreational and/or endurance riders seeking for the maximum range while still maintaining a light, responsive ride.

The new BT F09.430.C battery will be available for Bafang OE customers as of Q4 2019.



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About BAFANG: www.bafang-e.com

Bafang, one of the leading manufacturers of e-mobility components and complete e-drive systems, has been developing components and complete systems for electric vehicles since 2003.

The company focuses on all global e-mobility trends of the future: be it as an individual e-bike, e-scooter or for public bike sharing schemes. Bafang employs about 500 staff worldwide in five locations. The head office, development and manufacturing center is based in Suzhou, near Shanghai.

Bafang has Sales and Service Centers in the Netherlands, in the USA and in Germany. The newly opened factory in Poland will focus on production of mid motor systems for the European markets.

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