

Fully connected: The smart system

August 2021

The interplay of app and eBike components enables an individual eBike experience

- ▶ Riding enjoyment through digitalisation on a new level; in everyday life and in leisure time
- ▶ Thanks to the eBike Flow app, the smart system connects perfectly coordinated components with the digital world
- ▶ The eBike system can also be controlled without an additional display using the LED remote control unit
- ▶ Extended range thanks to the PowerTube 750
- ▶ In the future, many eBikes with the smart system can be retrofitted with the ConnectModule and will be further protected against theft

Stuttgart/Reutlingen — The smart system by Bosch eBike Systems - consisting of the new eBike Flow app, control unit, display, battery, and drive unit - ensures an individual eBike experience. The new system generation combines technologically high-quality eBike components with the digital world, taking riding enjoyment in everyday life and in leisure time to the next level. “Digital features and services enrich the pedelec experience and are important enablers for our mobile future in a connected world. With the smart system, we are taking another step towards the eBike mobility of tomorrow,” says Claus Fleischer, CEO of Bosch eBike Systems.

An overview of the smart system:

Smart, forward-looking and customisable: The eBike Flow app

Download to discover a uniquely connected experience. The eBike Flow app is the central connection to the eBike and the key to the connected biking experience. Over-the-air updates always keep the eBike up to date and continuously enhance the eBike experience with new, innovative features. The app lets you customise riding modes, record activities completely automatically, and integrate fitness apps such as Apple Health.

Intuitive, innovative, ergonomic: The LED Remote control unit

A fully connected control centre that's fun to use. The LED Remote can be operated easily, comfortably and intuitively with the thumb. Using different colours, the LEDs indicate the respective riding mode, which is easy to recognise while riding. Also practical for those who want to be on the road without a display when eBiking: The LED Remote is sufficient to control the eBike system and displays the most important information about the eBike, such as the current charge status and support level. The LED Remote is connected with the eBike Flow app via Bluetooth and thus the Internet.

Stylish, robust, clear: The Kiox 300 display

The robust companion on sporty rides. The Kiox 300 display provides a clean eBike look on the handlebar and is easy to read in any riding situation. With the display, all relevant fitness data can be displayed to optimise your training. Through regular 'over the air' updates, Kiox 300 always stays current and thus promises a lot of fun on sporty rides or on the trail, including in the future. The buttonless colour display is controlled via the LED Remote and is connected to the eBike Flow app. Using the display holder, Kiox 300 can be ideally positioned on the handlebar according to the rider's preference.

Enduring, elegant, reliable: The PowerTube 750 battery

The new flagship rechargeable battery for long and challenging rides. The PowerTube 750 offers the maximum range in the current Bosch eBike battery portfolio and is optimally designed for many metres of climbing and even longer distances. The lithium-ion battery can be integrated into the eBike frame and is characterised by a particularly high energy density at a weight of approx. 4.4 kilograms. The PowerTube 750 can be charged to 50% in just over two hours and fully in about six hours using the 4A Charger.

Powerful, dynamic, individual: The Performance Line CX drive unit

The powerhouse among the drives. The powerful Performance Line CX drive unit provides maximum 85 Nm of torque for a natural, dynamic and unique riding experience. In the eBike Flow app, the strength of the support, dynamics, maximum speed and maximum torque can be individually set for the respective riding modes and thus perfectly adapted to your own riding style.

A glimpse into the future: Future optimisation with the ConnectModule

In the future, eBikers will also be able to benefit from further developments in the area of theft protection. eBike models that are ConnectModule ready can be retrofitted with the ConnectModule in the future. This means, for example, that the eBike can trigger an acoustic alarm to deter thieves and, in the event of theft,

be tracked in the eBike Flow app. In addition, further functions will follow that can be used with the ConnectModule.

Press photo 1:



The smart system by Bosch eBike Systems — consisting of eBike Flow app, control unit, display, battery, and drive unit — ensures an individual eBike experience.

Press photo 2:



The new system generation combines technologically high-quality eBike components with the digital world, taking riding enjoyment in everyday life and in leisure time to the next level.

Press photo 3:



The eBike Flow app is the central connection to the eBike with the smart system and the key to the Connected Biking experience.

Press photo 4:



The smart system: The interplay of app and eBike components enables an individual eBike experience.

Press photo 5:



Press photo 6:



The LED Remote is connected with the eBike Flow app via Bluetooth and thus the Internet.

The Kiox 300 display provides a clean eBike look on the handlebar and is easy to read in any riding situation.

Press photo 7:



The LED Remote control unit can be operated easily, comfortably and intuitively with the thumb. Using the display holder, Kiox 300 can be ideally positioned on the handlebar according to the rider's preference.

Press photo 8:



The PowerTube 750 battery is optimally designed for many metres of climbing and even longer distances.

Press photo 9:



The powerful Performance Line CX drive unit now provides an even more individual riding experience.

Media contact:

Robert Bosch GmbH

Tamara Winograd

Director Marketing and Communications Bosch eBike Systems

Phone +49 (0)7121 35-394 64

Tamara.Winograd@de.bosch.com

Bosch eBike Systems is shaping the future of eBike mobility with innovative products and digital services ranging from highly efficient drive systems to the first production-ready ABS for eBikes and Connected Biking solutions. On the daily routes through the city, on leisurely rides through the countryside or for sporting adventures in the mountains: Bosch eBike Systems offers eBikers the right drive system (drive unit, battery, display, and app) for every requirement and every area of use, ensuring a unique riding sensation. Today, more than 100 of the world's leading bicycle brands trust the perfectly coordinated, modular product portfolio. As an independent division within the Bosch Group, Bosch eBike Systems also makes use of the Group's technology and manufacturing expertise. For healthy, safe and sustainable mobility that is fun.

For more information please visit www.bosch-ebike.com

The **Bosch Group** is a leading global supplier of technology and services. It employs roughly 395,000 associates worldwide (as of December 31, 2020). The company generated sales of 71.5 billion euros in 2020. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life." The Bosch Group comprises Robert Bosch GmbH and its roughly 440 subsidiary and regional companies in some 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. With its more than 400 locations worldwide, the Bosch Group has been carbon neutral since the first quarter of 2020. The basis for the company's future growth is its innovative strength. At 129 locations across the globe, Bosch employs some 73,000 associates in research and development, of which nearly 34,000 are software engineers.

To learn more, please visit www.bosch.com, iot.bosch.com, www.bosch-press.com, twitter.com/BoschPress.