

Bosch Performance Line CX G4 Drive Unit

– NOW INCREASED TORQUE TO 85Nm



For a unique eMTB experience: With increased torque up to 85 Nm, new features in the motor control and a further development of eMTB mode, the riding experience is more natural, intuitive and even more powerful.

Retrofitting and availability

The software update will be available from us from July 2020 onwards and will be standard on all eBikes with Performance Line CX from model year 2020 / 2021 onwards. New bicycle models from model year 2021 onwards will be available with the update from us as they become available.

Performance upgrade and new features

NEW A riding experience that sets the benchmark:

The Performance Line CX Generation 4 provides even more riding enjoyment on the trail - with advanced software and a maximum torque of 85 Nm. The increased torque ensures greater performance, supporting eMountain bikers with even more power, especially in low cadences. In eMTB and Turbo mode, this leads to significantly faster acceleration and makes hill starts much easier. Thanks to a broader cadence range, unpredictable riding situations can be mastered even more effectively - for example in the case of late gear shifting or accelerating out of tight bends. Riding remains smooth and free from jolts, even when standing on the pedals or in Turbo mode.

Extended Boost

NEW Extended Boost is the unrivalled function for negotiating exposed roots, steps and stones on the trail with ease, even uphill. The eMTB can be maneuvered with much greater agility and ease on technical sections. The unique dynamism means that obstacles can be overcome with ease by applying the right amount of pressure to the pedal. The pedals rarely, if ever, jam. The new, innovative function in eMTB mode can be controlled to optimum effect in all riding situations. If the front wheel is already on the step, a slight pedal pressure is all it takes to give the decisive "kick". This takes pedal management to a whole new level.

Next-level eMTB mode

NEW The progressive riding mode for every occasion: Advanced eMTB mode ensures eMountain bikers are well-prepared for whatever riding situation the trail may have in store. New sensor and motor control functions give eMountain bikers a much wider range of dynamic and natural support. Riders continue to benefit from the proven technology of eMTB mode: Depending on pedal pressure, progressive motor support adapts perfectly to the riding situation. The improved adjustment of eMTB mode ensures optimum traction control in all gears and enables organic handling (AKA 'power on demand'). Start-up behaviour is much finer and more sensitive - especially in low gears. Due to the increased torque, the drive unit supports an even wider cadence range.



Powerful acceleration despite compact size.



For powerful propulsion, an extremely sporty riding style and fast sprints.



Sustained support up to 25 km/h, even on long mountain rides.