

Bosch eBike Systems
FEEL THE FLOW

PRODUCTS AND FEATURES

Model year 2024

bosch-ebike.com



BOSCH
Invented for life



Reasons to get an electric bike



Protect the environment

Using eBikes is good for the environment. They reduce traffic, dependence on cars and produce no noise or fumes.

Enjoy the ride

The drive unit supports you on steep climbs and long routes. You enjoy the ride more and cover more ground.

Keep fit

Regular exercise keeps you fit and in good spirits. eBike riders get on their bikes more often and travel further than conventional cyclists.

Something for everyone

Bosch eBike systems are available on a vast variety of bikes, from road to cargo. There is an eBike type for everyone!

Easy on your wallet

It only costs .17¢¹ to charge a 500 Wh battery which will take you up to 45 miles (72 km) on one charge.

¹ Cost of .33¢ per kWh.



FEEL THE FLOW

Why choose an eBike with a Bosch system?



High quality

Products from Bosch eBike Systems are known for their high quality and reliability. Your safety and the lifespan of the eBike are our top priority. This is why our components undergo intensive testing and are certified to UL 2849 for peace of mind.



Comprehensive service

To guarantee the best possible service, we provide intensive training to eBike dealers. Whether you need personal advice, regular software updates or comprehensive all-round checks – we make sure you enjoy an amazing ownership experience.



Smart features

Customizable riding modes, digital theft protection, route planning or navigation: We improve your eBike experience with our digital features and networked components.



Large selection

Our modular and finely tuned eBike system offers a wide range of products. More than 100 renowned bicycle brands worldwide trust in our components and install them in their eBikes. For you, this means more individual freedom in the selection and equipment of your eBike.



The future at a glance

From Bosch eBike ABS and the fully networked smart system, through to more sustainable eBiking – we work to create the mobility of the future. Products and features from Bosch eBike Systems deliver you a safer and unique riding experience.



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eBike system 2

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Three steps to the right eBike



1 Which eBike type are you?

Discover your eBike category

You want to commute safely and comfortably to work? Experience trail adventures in the mountains? Travel effortlessly through traffic jams with heavy cargo? Whatever your needs, there's an ideal eBike out there for you.

Our interactive eBike guide will help you find the one that suits you best.



Our eBike guide:
bosch-ebike.com/ebike-advice

2 Have you chosen an eBike category?

Select your eBike model

Whether an eMTB, touring or urban eBike, you'll find the eBike that's most suitable for you. Simply choose the features you want – the eBikes that match your needs will be displayed along with all the details.



Find your eBike model:
bosch-ebike.com/ebike-models

3 Found your perfect eBike?

Find your dealer

Check it out at your nearest dealer and take it for a test ride. Find eBike experts through our Dealer Search.



Find your nearest dealer:
bosch-ebike.com/dealer-search

Sustainably on the move

Our mobility is the cause of more than a fifth of all CO₂ emissions worldwide. Riding an eBike helps to lower this value because it reduces traffic and benefits the climate.



Based on this “Design for Environment” approach, we consider how a new product can be designed to be as sustainable as possible, across the entire value chain. This starts with the selection of environmentally friendly raw materials and the use of recyclables, continuing through energy-saving manufacturing steps to the design of packaging that is as sustainable as possible.

Our sustainability focus topics



Reduction of the CO₂ footprint

We evaluate product-specific environmental aspects in a life cycle analysis.



Responsibility in the supply chain

We assess the social and ecological risks along the value chain.



Building a circular economy

We regard reparability and ease of maintenance as product development criteria.



Learn more about sustainability at [Bosch eBike Systems. \[bosch-ebike.com/sustainability\]\(https://bosch-ebike.com/sustainability\)](https://bosch-ebike.com/sustainability)

“We intend our products to contribute to a climate-friendly future, in which people are mobile in a sustainable, flexible and fun way.”

Claus Fleischer, CEO Bosch eBike Systems



The eBike system components

The app, drive unit, control unit, display and battery form your eBike system. All components are perfectly coordinated and communicate with one another.



App

Optimize your eBike experience with digital features and services such as route planning, and analyze trip data.



1

Drive unit

The motor supports you as you ride, enabling you to cover distances and climb hills with ease.



2

Control unit & display

With the control unit and display, you can control the functions of your eBike and view relevant information.



3

Battery

The battery supplies your eBike with energy and influences the range.



4

ABS control unit

The Bosch eBike ABS provides greater safety and stability during braking.

The Bosch eBike systems

The components form the eBike system. When purchasing an eBike, you have the choice between two system generations from Bosch: the smart system and the Bosch eBike system 2.



The eBike Flow app

It provides you with an individual connected biking experience and is the central element of the smart system.

Always in tune with the times

The smart system

The smart system

The smart system connects eBike components with the digital world, taking your riding experience to a whole new level - with more flexibility and individuality – and fresh motivation to ride.

With updates over-the-air, you can benefit from the latest features and keep your eBike components up-to-date. The smart system is fully networked and continuously enhanced.



Scope of functions

Growing selection of new functions



Degree of digitalization

High



Updates and new functions

Regularly available

Are you ready for a whole world of new opportunities?

All the smart system products and features
▶ from page 16

In a class of its own

The eBike system 2

This reliable system offers a wide range of impressive products and features for every eBike type as well as a wide range of functions – whether you're a comfort-loving leisure cyclist, an active commuter or a mountain biker. The high-quality and partly networked components are perfectly coordinated.



Scope of functions

Large selection of proven functions



Degree of digitalization

Medium



Updates and new functions

Limited availability

Are you ready for a superior riding experience?

All the eBike system 2 products and features
▶ from page 38



The eBike Connect app

The system, comprising the computer, app and online portal, connects your eBike to the digital world.



Find out more about the differences between the two systems at:
bosch-ebike.com/eBike-systems

The smart system

New feature highlights

This year, we are expanding our smart system. Here, we present highlights for the new model year.

You can find all the latest features and details on products and functions on the following pages – or you can visit our website.



Find all the new features on our website:
bosch-ebike.com/news-modelyear24

Performance Line Sprint

With a rated continuous output of 250 W and a peak output of up to 600 W, Performance Line Sprint is one of the most powerful motors that we have ever developed.

► More on page 24



US ONLY

Performance Line SX

One of our lightest drive units, ideal for Light eMTBs, Gravel and Urban eBikes

► More on page 24



Flow+

Flow+

Premium eBike Flow app subscription including the eBike Alarm service – for additional theft protection

► More on page 18



Purion 200

Control unit plus integrated color display in one

► More on page 27



Kiox 500

More riding comfort thanks to large screen area and acoustic cues

► More on page 28



CompactTube 400

Integrated, compact battery weighing around 4.4 lbs (2 kg) and delivering 400 watt hours

► More on page 34



PowerMore 250

Portable range extender for that extra bit of range

► More on page 35



eShift

Efficient and comfortable gear changes thanks to eShift, the electronic gear shifting solution

► More information on our website

eBike Flow App

Connect with your eBike



With the eBike Flow app, you get more out of your eBike – and make it your own. Download, connect and customize, expand and keep your eBike up-to-date: Download the latest app version to obtain the latest features. You can conveniently install updates for your eBike via Bluetooth.

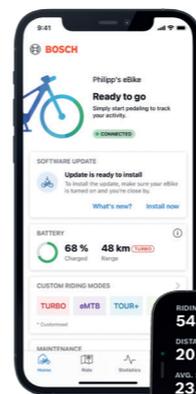
Flow+

NEW

Premium eBike Flow app services

Flow+ is the premium subscription for your eBike with the smart system. It gives you access to exclusive services. A subscription is available via the eBike Flow app.

► [More on page 21](#)



Home screen
View all essential information on your eBike at a glance.



Ride screen
The SmartphoneGrip transforms your smartphone into a full eBike display.

More personalized riding experience with smart features

-  **Route planning and navigation**
Find the route that suits you best from a variety of route profiles. You can rely on the navigation in the eBike Flow app to take you wherever you want to go.
-  **Individual riding modes**
Adapt the different riding modes to your individual needs. For example, increase the level of support or reduce the amount of energy consumed.
-  **Activity tracking**
Simply start pedaling to automatically record your ride and fitness data.
-  **Strava, Apple Health and komoot**
Share your activities and synchronize ride and fitness data using your favorite apps.
-  **Updates over-the-air**
Keep your eBike up-to-date and expand it with additional features.
-  **Features for greater theft protection on the following page ►**



Download the eBike Flow app now:
bosch-ebike.com/flow-app

Features and services for greater theft protection

Parking your eBike briefly – or for a longer time? Easily protect it more effectively against theft with more than your mechanical lock. Activate eBike Lock via the eBike Flow app: Only you are able to use the motor support by using your digital key. Furthermore, if you subscribe to Flow+ and have the ConnectModule installed by a dealer, you will get next-level theft protection with the eBike Alarm.



eBike Lock Disable motor support

- ▶ **Activate once**
Activate the free feature via the eBike Flow app – available for all eBikes with the smart system.
- ▶ **Automatically active**
When you switch off your eBike, motor support is automatically disabled.
- ▶ **Smartphone as key**
Thanks to the eBike Flow app, your smartphone is your digital key. When it's close by, motor support is enabled.
- ▶ **Audible and visual feedback**
Sounds, lights and symbols indicate whether eBike Lock is active on your control unit, display and smartphone.



Find more information on eBike Lock here:
bosch-ebike.com/lock



Find more information about the eBike Alarm, Flow+ and the ConnectModule here:
bosch-ebike.com/alarm



eBike Alarm · Premium service from Flow+ Warning signals and tracking

- ▶ **Connect and protect**
Subscribe to Flow+ via the eBike Flow app and activate the premium eBike Alarm service (subject to a charge).
- ▶ **Automatically active**
The eBike Alarm is enabled as soon as you switch off your eBike. The eBike Flow app saves your parking location and indicates security status.
- ▶ **Deterrent effect**
If your eBike registers movements, acoustic signals and illuminated LEDs warn you and draw your attention to the attempted theft.
- ▶ **Helpful tracking function**
If your eBike is moved significantly, you will receive a message on your smartphone. You can see its current location in the eBike Flow app.
- ▶ **Required component: ConnectModule**
Have the ConnectModule installed on your eBike. It contains a GNSS wireless module, battery and sensors.

Drive units

The right motor for your eBike experience



Find more information on the drive units at:
bosch-ebike.com/driveunits



NEW

Active Line

Discover the city



NEW

Active Line Plus

For everyday use and excursions



Cargo line

For transporting heavy goods

Description

With the quiet and sensitive Active Line, riding in the city is pure joy.

In and out of the city, the quiet drive unit ensures riding fun thanks to agile acceleration.

The powerful drive unit is made for transporting cargo and provides maximum riding stability. The robust Cargo mode is designed to ensure easier starting, even when carrying heavy loads.

Max. torque

40 Nm

50 Nm

85 Nm

Max. speed

20 mph (32 km/h)

20 mph (32 km/h)

20 mph (32 km/h)

Max. support

340%

340%

400%

Walk assist

Walk assist with Hill Hold

Walk assist with Hill Hold

Walk assist with Hill Hold

Weight

approx. 6.4 lbs (2.9 kg)

approx. 7.1 lbs (3.2 kg)

approx. 6.4 lbs (2.9 kg)

Drive units



NEW

Performance Line SX
For all sporty riders



US ONLY

Performance Line Sprint
Optimal, intuitive performance



Performance Line
For unlimited freedom



US ONLY

Performance Line Speed
For speed and long distances



Performance Line CX
For the ultimate Uphill Flow

LIMITED EDITION



Performance Line CX Race Limited Edition
Developed for eMTB racing

Description	The perfect choice for light eMTBs, Gravel and Urban eBikes.	Ideal combination of power and range with the customized benefits of intelligent software that enables riders of all levels to receive optimum, natural support up to 28 mph.	The versatile drive unit delivers optimal support in all riding conditions for a sporty and natural riding sensation.	Get to your destination quickly and efficiently with powerful acceleration and support up to 28 mph (45 km/h).	The drive unit is particularly powerful but nonetheless responds flexibly and sensitively. It develops its full potential on challenging trails.	The drive unit is the ideal choice for professional eMTB and ambitious recreational athletes. Together with the exclusive Race mode, it impresses during eMTB races.
Max. torque	55 Nm	55Nm	75 Nm	85 Nm	85 Nm	85 Nm
Max. speed	20 mph (32 km/h)	28 mph (45 km/h)	20 mph (32 km/h)	28 mph (45 km/h)	20 mph (32 km/h)	20 mph (32 km/h)
Max. support	340%	340%	340%	340%	340%	400%
Walk assist	Walk assist with Hill Hold	Walk assist with Hill Hold	Walk assist with Hill Hold	Walk assist with Hill Hold	Walk assist with Hill Hold	Walk assist with Hill Hold
Weight	approx. 4.5 lbs (2.05 kg)	approx. 4.5 lbs (2.05 kg)	approx. 7.1 lbs (3.2 kg)	approx. 6.4 lbs (2.9 kg)	approx. 6.4 lbs (2.9 kg)	approx. 6.1 lbs (2.75 kg)

Control units & displays

Your support on the handlebar



System Controller

The sleek, minimalist control unit



NEW

Mini Remote & Mini Remote Dropbar²

The complement to the System Controller



LED Remote

Smart control center



NEW

Purion 200

Control unit and display in a single device

Description	Thanks to its durability and minimalist look, the easy-to-read control unit is ideally suited to your eMTB, Gravel or Urban eBike.	For standard or dropbar: Can optionally be complemented with other components and wirelessly connected to the System Controller, offering more functions as well as safer and more convenient operation.	With the intelligent control center, you can operate all functions of your eBike – it's the perfect choice for many eBike types.	The all-in-one solution is conveniently close to your thumb and offers a razor-sharp display of ride data as well as simple, ergonomic control of all eBike functions.
Display	Without integrated display. Extendable with Intuvia 100, Kiox 300, Kiox 500 or smartphone in conjunction with Mini Remote (Dropbar)	Without integrated display. Extendable with Intuvia 100, Kiox 300, Kiox 500 or smartphone	Without integrated display. Extendable with Intuvia 100, Kiox 300, Kiox 500 or smartphone	1.6-inch TFT display. Extendable with a display on the handlebar, e.g. Kiox 300, Kiox 500 or smartphone
Operation	Controls the basic functions of your eBike (on/off, change riding mode), additional operation via the Mini Remote (Dropbar)	Only in conjunction with System Controller, the remote extends eBike functionality and display screen	Controls the features of your eBike and display screen	Controls the functions of your eBike and integrated display screen
Navigation	Via Kiox 300, Kiox 500 or your smartphone	Via Kiox 300, Kiox 500 or your smartphone	Via Kiox 300, Kiox 500 or your smartphone	Via Kiox 300, Kiox 500 or your smartphone
Type of protection	Dust- and splash-proof according to IP55 ¹	Dust- and splash-proof according to IP55	Dust- and splash-proof according to IP55 ¹	Dust- and splash-proof according to IP55 ¹

¹ When the USB cap is closed

² Available from winter 2023

Displays



Intuvia 100

The intuitive and easy-to-read display



Kiox 300

The smart companion for adventures

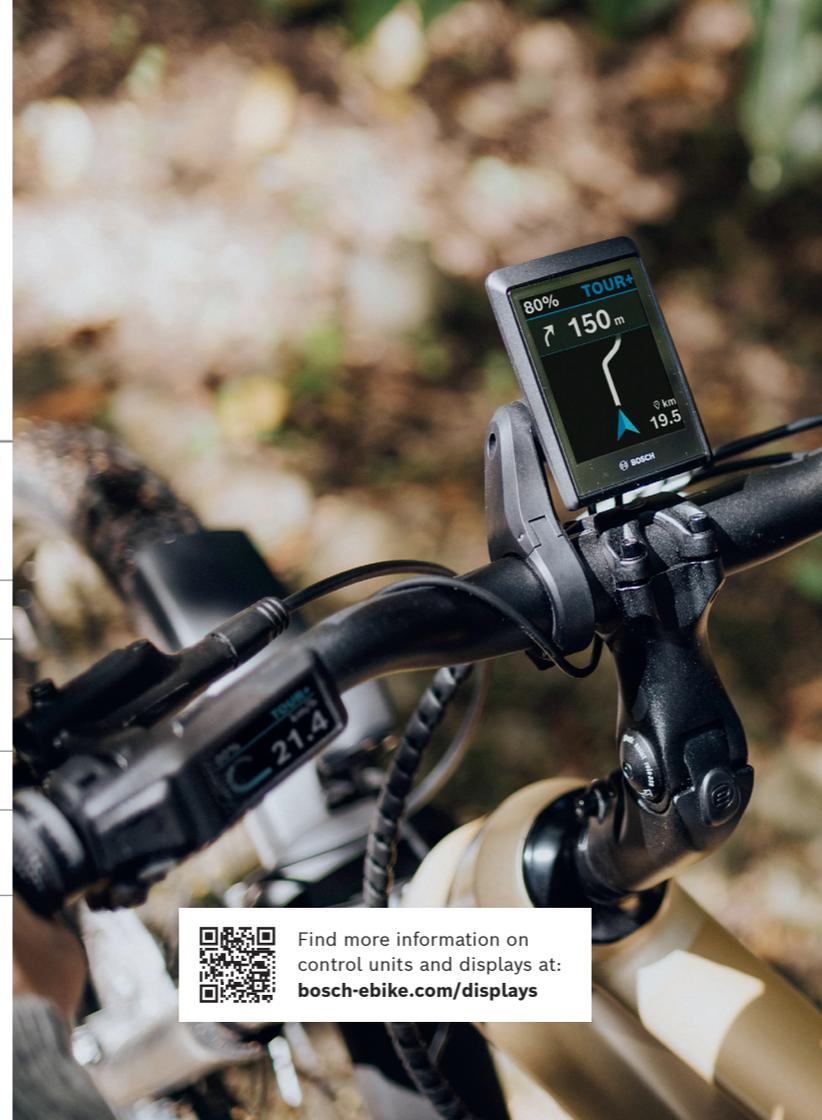


NEW

Kiox 500

The large display for everyday rides and leisurely tours

Description	Clear and intuitive operation: Intuvia 100 allows you to collect ride data quickly and provides greater safety and comfort.	The display is your companion for optimizing your training. You can share your fitness data with your community via the eBike Flow app.	Forty percent larger than Kiox 300: Kiox 500 is easy to read and also provides acoustic cues during navigation.
Display	2.5-inch black and white display	2-inch TFT color display	2.8-inch TFT color display
Operation	LED Remote or Mini Remote (Dropbar) in conjunction with System Controller and via button on the back when stationary	LED Remote, Purion 200 or Mini Remote (Dropbar) in conjunction with System Controller	LED Remote, Purion 200 or Mini Remote (Dropbar) in conjunction with System Controller
Navigation	–	Available via the eBike Flow app	Available via the eBike Flow app
Type of protection	Dust- and splash-proof according to IP55	Dust- and splash-proof according to IP55	Dust- and splash-proof according to IP55



Find more information on control units and displays at: bosch-ebike.com/displays



SmartphoneGrip

Using your smartphone as an eBike display

Secure your smartphone safely on your handlebars. While your phone is charging in the SmartphoneGrip, the eBike Flow app navigates you and shows you all the important ride data.

Smartphone display

LED Remote or Mini Remote (Dropbar) in conjunction with System Controller or Purion 200

Via your smartphone (eBike Flow app)

Smartphone: device-dependent
SmartphoneGrip: Dust- and splash-proof according to IP55¹

¹ When the USB cap is closed

Riding modes

Optimal and individual support



Increasing support power



Off

No support, all display functions are available



Eco mode

Low level support with maximum efficiency for the greatest range



Tour

Consistent support for long rides



Tour+

Non-stop support on challenging tours



Auto

Automatic adjustment of motor support



Sport

Powerful support for universal uses



eMTB

Dynamic, progressive support while mountain biking with Extended Boost



Sprint

Dynamic support for sporty gravel and urban riding



Cargo

Maximum support for Cargo eBikes and heavy loads



Turbo

Direct, maximum power support up to the highest cadences for steep ascents



Race

Uncompromising dynamics and optimal support from start to finish – for the toughest eMTB races

Various riding modes can be selected in the smart system. Support from the drive unit is perfectly adjusted in line with the requirements and type of rider.

► **Combinable**

All the available riding modes can be flexibly combined on eBikes with the smart system.¹

► **Coordinated**

In addition to Off mode, the dealer can activate up to four other modes, so you can tailor your eBike precisely to your needs.

► **Customizable**

You can configure selected riding modes to suit your preferences on the eBike Flow app within the given limits.

¹ Exceptions are the Cargo, Race and Sprint modes, which are only available for eBikes with the Cargo Line, Performance Line CX Race Limited Edition, Performance Line Sprint or Performance Line SX drive unit.



Find more information on the various riding modes at: bosch-ebike.com/riding-modes

Batteries & chargers

Your energy supplier

Handling batteries

Bosch batteries provide the energy source for eBikes. Correctly charging, storing and caring for your battery results in safer riding.



You can find tips and information on your battery here:
bosch-ebike.com/battery-tips



NEW

PowerPack 400 Rack¹
 For that extra lap



NEW

PowerPack 500 Rack¹
 For long journeys



NEW

PowerPack 400 Frame¹
 For that extra lap



PowerPack 545
 For long-lasting riding fun



PowerPack 725
 More power and range

Description	Fitted on or under the bike rack, this durable everyday companion is ideal for daily needs.	With plenty of energy, it's the right battery for spontaneous tours and small excursions.	Our smallest and lightest frame battery is the ideal energy supplier for everyday rides.	Your reliable companion supplies your eBike with energy – also on spontaneous detours.	A battery for long rides and demanding activities as well as for eBikes with high energy requirements.
Mounting type	Rack battery	Rack battery	Frame battery	Frame battery	Frame battery
Energy content	approx. 400 Wh	approx. 500 Wh	approx. 400 Wh	approx. 545 Wh	approx. 725 Wh
Weight	approx. 6.2 lbs (2.8 kg)	approx. 6.4 lbs (2.9 kg)	approx. 4.9 lbs (2.2 kg)	approx. 6.6 lbs (3 kg)	approx. 8.8 lbs (4 kg)
Charging time with the 4A Charger	50% charge approx. 1.5 h 100% charge approx. 3.5 h	50% charge approx. 1.7 h 100% charge approx. 4.5 h	50% charge approx. 1.5 h 100% charge approx. 3.5 h	50% charge approx. 1.8 h 100% charge approx. 4.9 h	50% charge approx. 2.3 h 100% charge approx. 6 h
Charging time with the 2A Charger	50% charge approx. 2.8 h 100% charge approx. 6 h	50% charge approx. 3.6 h 100% charge approx. 7.3 h	50% charge approx. 2.8 h 100% charge approx. 6 h	50% charge approx. 3.8 h 100% charge approx. 7.7 h	50% charge approx. 5.3 h 100% charge approx. 11 h

¹ Available from winter 2023

Batteries & chargers



NEW



NEW

CompactTube 400

For lightweight and slim eBikes

PowerTube 500

The everyday all-rounder

PowerTube 625

Ready for any adventure

PowerTube 750

Longer range and higher elevation

PowerMore 250¹

For longer lasting riding fun

Description	Equipped with innovative battery cell technology, the CompactTube 400 delivers the highest energy density of all Bosch eBike batteries.	The perfect match if you like minimalist design, and ideal for eBikes due to its light weight.	The PowerTube 625 accompanies you off road, powering your ride on eMTB adventures or lengthy trips.	The most powerful and durable PowerTube. With it, no trail is too difficult, no mountain too steep and no ride too far.	This range extender is about the size of a water bottle and provides that extra bit of range. It's light, compact and can be combined with the integrated batteries of the smart system.	
Mounting type	Integrated battery	Integrated battery	Integrated battery	Integrated battery	Frame battery	
Energy content	approx. 400 Wh	approx. 500 Wh	approx. 625 Wh	approx. 750 Wh	approx. 250 Wh	
Weight	approx. 4.4 lbs (2 kg)	approx. 6.6 lbs (3 kg)	approx. 7.9 lbs (3.6 kg)	approx. 9.5 lbs (4.3 kg)	approx. 3.3 lbs (1.5 kg) without mount, approx. 3.5 lbs (1.6 kg) with mount	
Charging time with the 4A Charger	50% charge	 approx. 1.5 h	 approx. 1.7 h	 approx. 2.1 h	 approx. 2.3 h	 approx. 1.3 h
	100% charge	 approx. 3.5 h	 approx. 4.5 h	 approx. 5.4 h	 approx. 6.0 h	 approx. 3.2 h
Charging time with the 2A Charger	50% charge	 approx. 2.8 h	 approx. 3.6 h	 approx. 4.6 h	 approx. 5.3 h	 approx. 1.6 h
	100% charge	 approx. 6 h	 approx. 7.3 h	 approx. 9.3 h	 approx. 11 h	 approx. 3.7 h

¹ Available from winter 2023



Find more information about batteries and chargers at: [bosch-ebike.com/batteries](https://www.bosch-ebike.com/batteries)



2A Charger

Our lightest charger

Ideal for small batteries and for the road – around 40 percent smaller than the 4A Charger.



4A Charger

The all-rounder among the chargers

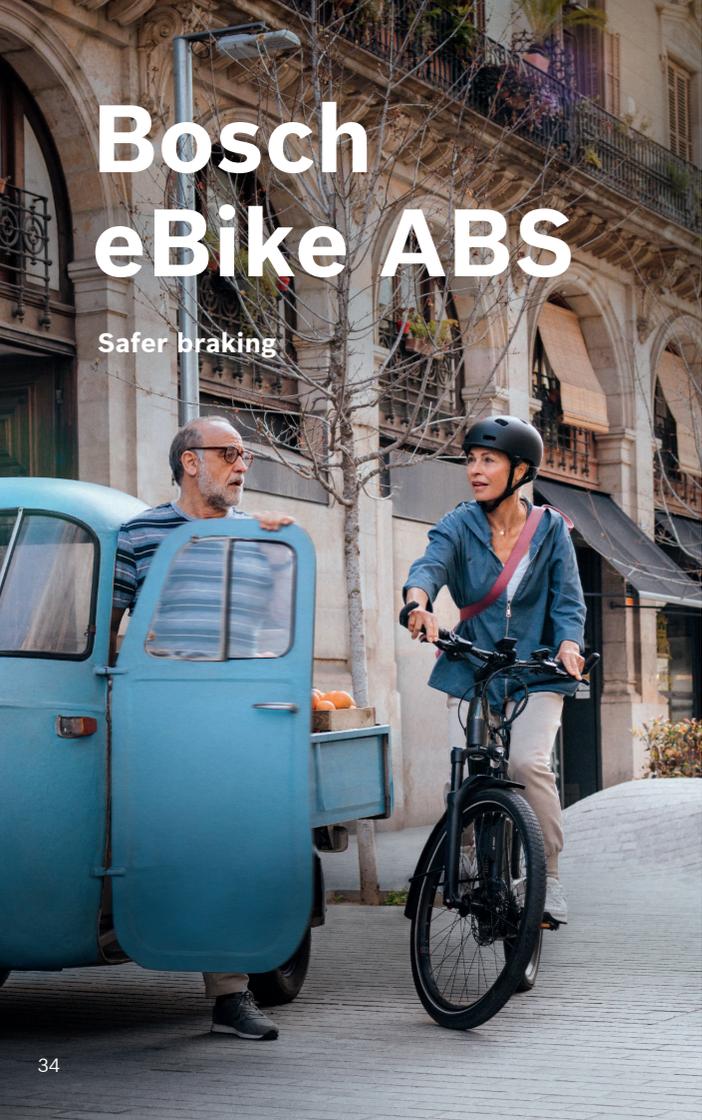
With convincing advantages – e.g. faster charging.

CapacityTester

It allows the bike dealer to determine the energy content of your eBike battery and prepare it for storage over the winter.

Bosch eBike ABS

Safer braking



Bosch eBike ABS

Keeps your flow

Description	An unexpected obstacle on the road or a branch lying across the trail: with Bosch eBike ABS you brake more safely and confidently with both brakes. It reduces the risk of the front wheel locking when braking too hard and the rear wheel lifting off unintentionally.
ABS modes	ABS Cargo for Cargo eBikes ABS Touring for City and Touring eBikes ABS Allroad for (light) eMTBs and Hybrid eBikes ABS Trail for (light) eMTBs
Dimensions (L x W x H)	4.2 x 1.4 x 2.4 inches (10.6 x 3.5 x 6.2 cm)
Weight	approx. 0.5 lbs (220 g)



Find out more on Bosch eBike ABS at:
[bosch-ebike.com/abs](https://www.bosch-ebike.com/abs)

Front wheel ABS

Wheel speed sensors on the front and rear wheels monitor the speed of the wheels. If you brake too hard and the front wheel is in danger of locking, the ABS regulates the brake pressure. This balanced and regulated braking behavior provides more control and stability when braking.



Rear wheel lift control

In the event of extreme overbraking of the front wheel, the intelligent rear wheel lift control reduces the risk of the rear wheel lifting up unintentionally. This means there is less chance of being thrown over the handlebar. ABS enables the front brake to be used more actively and efficiently.



Perfectly coordinated

The Bosch eBike ABS with brake components from MAGURA, TEKRO or TRP.



TEKRO

TRP

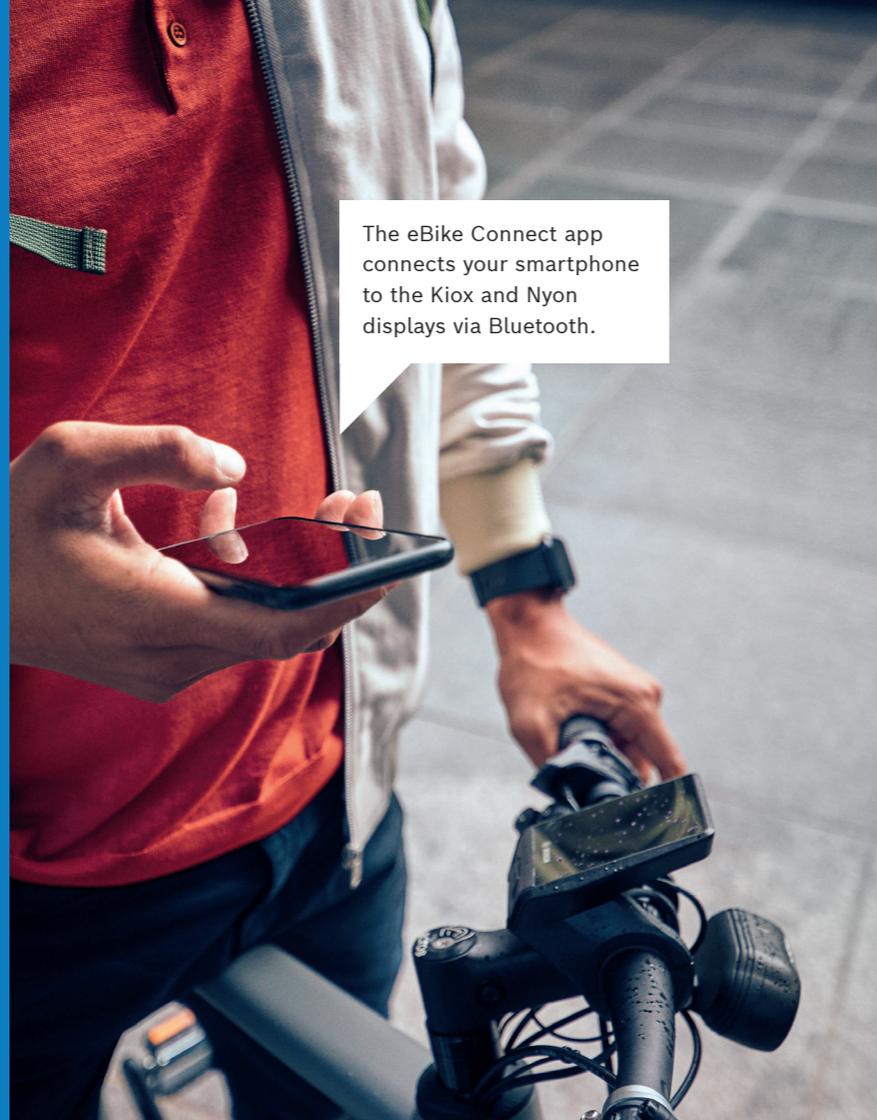
eBike Connect App

Connect with your eBike

Navigation, flexible route planning or effective fitness training: The eBike Connect app and the eBike Connect online portal open up numerous possibilities.



Download the eBike Connect app now: bosch-ebike.com/connect



The eBike Connect app connects your smartphone to the Kiox and Nyon displays via Bluetooth.

Versatile options

-  **Updates**
Make sure your display always has the latest updates and features for an even greater ride.
-  **Fitness functions**
Record your ride data and synchronize it with eBike Connect to evaluate your training performance after your ride.
-  **Premium functions**
The app gives you access to additional functions like [eBike Lock](#) and individual riding modes.
-  **Route planning and navigation**
Plan your next eBike trip with eBike Connect or use apps like komoot or Outdooractive. Your route is automatically synchronized with the Kiox or Nyon.
-  **Range indicator**
Plan your rides more effectively before and during the ride. The display shows you exactly how far you can go with the selected motor support and the current battery charge level.



eBike Lock Additional theft protection for your eBike

The premium eBike Lock function is the ideal supplement to a mechanical lock. After setting up eBike Lock, via the eBike Connect app, the motor support is automatically deactivated as soon as you remove the Kiox or Nyon display. The motor support is only re-activated once you reattach the display.

- ▶ **Premium function with Kiox and Nyon**
One-time set up via the eBike Connect app is required.
- ▶ **Display is the key**
Motor support is enabled/disabled by attaching and removing the display.
- ▶ **Audible and visible feedback**
The active status of the eBike Lock is signaled by sounds and symbols.



Find more information on eBike Lock here: bosch-ebike.com/lock

Drive units

The right motor for your eBike experience



US ONLY

Active Line
Discover the city

Active Line Plus
For everyday use and excursions

Cargo line
For transporting heavy goods

Performance Line
For unlimited freedom

Performance Line Speed
For speed and long distances

Performance Line CX
For the ultimate Uphill Flow

	Active Line	Active Line Plus	Cargo line	Performance Line	Performance Line Speed	Performance Line CX
Description	Smooth, light and natural support, for a comfortable ride through the city.	Take impromptu trips farther, thanks to this quiet but powerful drive unit.	Transport your cargo with ease, flexibility and convenience. Cargo Line delivers the maximum possible safety and riding stability.	The versatile drive unit delivers optimal support in all riding conditions for a sporty and natural riding sensation.	Get to your destination quickly and efficiently with powerful acceleration and support of up to 28 mph (45 km/h).	A powerful and sensitive drive with a flexible response. Unleash its true potential on challenging trails.
Max. torque	40 Nm	50 Nm	85 Nm	65 Nm	85 Nm	85 Nm
Max. speed	20 mph (32 km/h)	20 mph (32 km/h)	20 mph (32 km/h)	20 mph (32 km/h)	28 mph (45 km/h)	20 mph (32 km/h)
Max. support	250%	270%	400%	300%	340%	340%
Walk assist	Yes	Yes	Yes	Yes	Yes	Yes
Weight	approx. 6.4 lbs (2.9 kg)	approx. 7.1 lbs (3.2 kg)	approx. 6.4 lbs (2.9 kg)	approx. 7.1 lbs (3.2 kg)	approx. 6.4 lbs (2.9 kg)	approx. 6.4 lbs (2.9 kg)



Find more information on the drive units at:
bosch-ebike.com/driveunits

Control units & displays

Your support on the handlebar



Purion
The minimalist computer



Intuvia
The intuitive and easy-to-read display



Kiox
The smart companion for sporty rides



Nyon
The connected all-rounder

Description	The compact display looks sleek on the eBike handlebar. All the information you need is at the click of a thumb.	Reading your ride data is easy on the clear, intuitive display. Thanks to the external control unit, you can keep both hands on the handlebar.	Boost your training via the connected display. The eBike Connect app allows you to share your fitness data with your community.	You can rely on the easy-to-read display with large, color touchscreen that meets all your needs, whatever the weather.
Display	1.8-inch segment matrix display	2.8-inch segment matrix display	1.9-inch color display	3.2-inch TFT color display with touch functions
Operation	Directly via the buttons on the display	Wired control unit	Remote Compact wired control unit	Remote Compact wired control unit
Navigation	—	—	Yes, in conjunction with a smartphone	Yes
Type of protection	Dust- and splash-proof according to IPx5 ¹	Dust- and splash-proof according to IPx5 ¹	Dust- and splash-proof according to IPx7 ¹	Dust- and splash-proof according to IPx5 ¹
eBike Lock	—	—	Activated when Kiox is removed	Activated when Nyon is removed

¹ When the USB cap is closed



Find more information on control units and displays at: bosch-ebike.com/displays

Riding modes

Optimal and individual support



Increasing support power



Off

No support, all display functions are available



Eco mode

Low level support with maximum efficiency for the greatest range



Tour

Consistent support for long rides



Tour+¹

Non-stop support on sporty tours



Sport

Powerful support for universal use



eMTB²

Dynamic, progressive support while mountain biking with Extended Boost



Turbo

Direct, maximum power support up to the highest cadences for steep ascents

Various riding modes are available for selection in the Bosch eBike system 2. Depending on the requirements and rider type, support from the drive unit is optimally adjusted.

► **Coordinated**

In addition to Off mode, the dealer can activate up to four other modes, so you can tailor your eBike precisely to your needs.

► **Personalized**

You can purchase the premium function for the Nyon computer in the eBike Connect smartphone app. It can be used to create and set four additional riding modes. This allows you to perfectly adapt the motor support for different speeds to your riding behavior.



Find more information on the various riding modes at:
[bosch-ebike.com/riding-modes](https://www.bosch-ebike.com/riding-modes)

¹ Tour+ mode has replaced Tour mode. After the bike dealer has installed Tour+ mode, Tour mode is still shown on the display.

The Tour+ riding mode is available for eBikes with the Performance Line CX drive unit with derailleur system (from model year 2020) and eMTB mode.

² Depending on the eBike type, eMTB mode can replace Sport mode in the Performance Line and Performance Line CX. In eMTB mode, the support level varies between Tour and Turbo riding modes.

Batteries & chargers

Your energy supplier

Handling batteries

Bosch batteries provide the energy source for eBikes. Correctly charging, storing and caring for your battery makes for safer riding.



You can find tips and information on your battery here:
[bosch-ebike.com/battery-tips](https://www.bosch-ebike.com/battery-tips)



PowerTube 400
For any challenge



PowerTube 500
The everyday all-rounder



PowerTube 625
Ready for any adventure

Description	PowerTube 400 brings your stylish, lightweight City eBike up to speed so you can enjoy carefree riding fun.	PowerTube 500 is the perfect match if you like minimalist design, and ideal for eBikes due to its light weight.	PowerTube 625 is perfect for off-road riding and gives you the support you need for eMTB adventures or longer tours.
Mounting type	Integrated battery	Integrated battery	Integrated battery
Energy content	approx. 400 Wh	approx. 500 Wh	approx. 625 Wh
Weight	approx. 6.4 lbs (2.9 kg)	approx. 6.4 lbs (2.9 kg)	approx. 7.7 lbs (3.5 kg)
Charging time with the 2A Compact Charger	50% charge 100% charge	 approx. 2.5 h  approx. 6.5 h	 approx. 3.5 h  approx. 7.5 h
Charging time with the 4A Standard Charger	50% charge 100% charge	 approx. 1.5 h  approx. 3.5 h	 approx. 1.7 h  approx. 4.5 h
Compatibility with DualBattery	No	Yes	Yes

Batteries & chargers



PowerPack 400
For that extra lap



PowerPack 500
For long journeys

Description	The PowerPack 400 is the compact Bosch eBike battery and is ideal for everyday use.	The energy of your PowerPack 500 is a safe bet for journeys that are unexpectedly longer or more hilly.
Mounting type	Frame or rack battery	Frame or rack battery
Energy content	approx. 400 Wh	approx. 500 Wh
Weight	Frame: approx. 5.5 lbs (2.5 kg) Luggage rack: approx. 5.7 lbs (2.6 kg)	Frame: approx. 5.7 lbs (2.6 kg) Luggage rack: approx. 6 lbs (2.7 kg)
Charging time with the 2A Compact Charger	50% charge 100% charge	approx. 2.5 h approx. 6.5 h
Charging time with the 4A Standard Charger	50% charge 100% charge	approx. 1.5 h approx. 3.5 h
Compatibility with DualBattery	Yes	Yes



Find more information about batteries and chargers at:
bosch-ebike.com/batteries



DualBattery
Even more endurance

Your eBike is powered for even longer with the DualBattery option. By connecting two Bosch eBike batteries, you get double the energy content of up to 1,250 watt hours.



Bosch charger
Energy in an instant

Bosch chargers are handy, light and robust. Whatever you're planning: With the 2A Compact Charger or 4A Standard Charger, charging your eBike has never been quicker or easier.

Battery safety

Bosch eBike Systems sets new standards for battery safety

Lithium-ion batteries are complex, finely tuned systems with a high energy content. Their contents can, in principle, be flammable in certain conditions. This is why all eBike batteries undergo extensive testing and may only be launched on the market once they've passed these tests.

Bosch eBike Systems goes above and beyond the strict legal requirements, with certain tests, and pays special attention to battery safety throughout the entire value chain. For peace of mind, the entire Bosch eBike system is certified to UL 2849, which is a standard covering the electrical system of eBikes powered by a lithium-based, rechargeable battery. UL 2849 has strict requirements for electrical shock, mechanical and fire hazards. Additionally, the high-quality lithium-ion batteries have a Battery Management System (BMS) that detects significant potential sources of error and effectively protects cells against overheating.

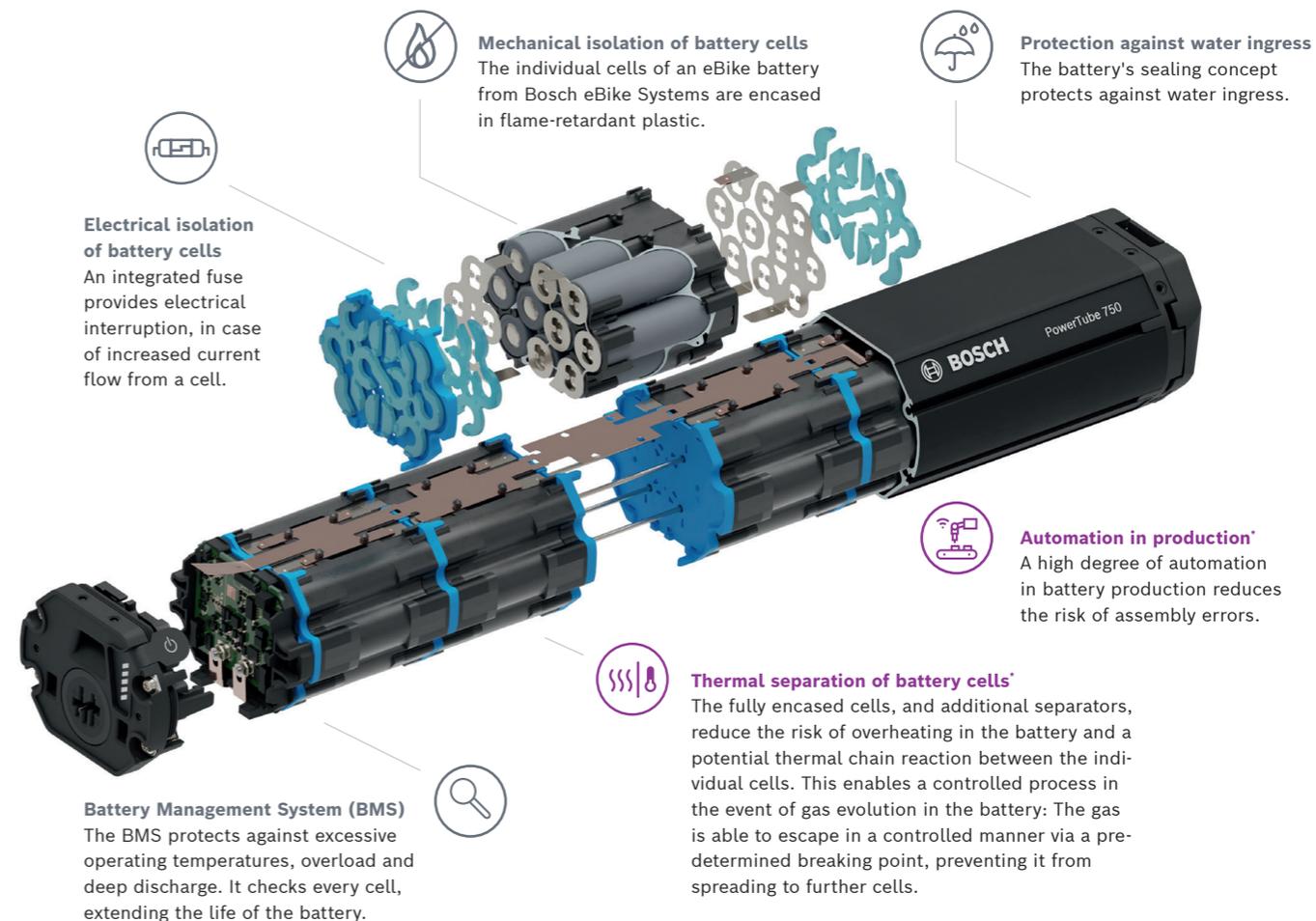
Safety measures for all batteries from Bosch eBike Systems

- ▶ Mechanical isolation of battery cells
- ▶ Electrical isolation of battery cells
- ▶ Protection against water ingress

Batteries with the smart system:

Additional standards. Increased safety. More tests.

- ▶ Automation in production
- ▶ Thermal separation of battery cells



Electrical isolation of battery cells
An integrated fuse provides electrical interruption, in case of increased current flow from a cell.



Mechanical isolation of battery cells
The individual cells of an eBike battery from Bosch eBike Systems are encased in flame-retardant plastic.



Protection against water ingress
The battery's sealing concept protects against water ingress.



Automation in production*
A high degree of automation in battery production reduces the risk of assembly errors.



Thermal separation of battery cells*
The fully encased cells, and additional separators, reduce the risk of overheating in the battery and a potential thermal chain reaction between the individual cells. This enables a controlled process in the event of gas evolution in the battery: The gas is able to escape in a controlled manner via a pre-determined breaking point, preventing it from spreading to further cells.



Battery Management System (BMS)
The BMS protects against excessive operating temperatures, overload and deep discharge. It checks every cell, extending the life of the battery.

* Available for batteries with the smart system



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