

2020

Electric Bikes

Owners Manual Supplement



WARNING

**READ THIS SUPPLEMENT AND YOUR
CANNONDALE BICYCLE OWNER'S MANUAL.**
Both contain important safety information. Keep
both for future reference.

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Safety Messages

In this supplement, particularly important information is presented in the following ways:




WARNING

Indicates a hazardous situation which, if not avoided, may result in death or serious injury.

NOTICE

Indicates special precautions that must be taken to avoid damage.

The following symbols are used in this manual:

Symbol	Name	Description
	NGLI-2 synthetic grease	Apply NGLI-2 synthetic grease.
	Carbon gel	Apply carbon gel (friction paste) KF115/
	Medium-strength removable thread lock	Apply Loctite® 242 (blue) or equivalent.

Cannondale Supplements

This manual is a “supplement” to your **Cannondale Bicycle Owner’s Manual**.

This supplement provides additional and important model specific safety, maintenance, and technical information. It may be one of several important manuals/supplements for your bike; obtain and read all of them.

Please contact your Authorized Cannondale Dealer immediately if you need a manual or supplement, or have a question about your bike. You may also contact us using the appropriate country/region/location information. See Contacting Cannondale in this supplement.

You can download Adobe Acrobat PDF versions of any manual/supplement from our website:
<http://www.cannondale.com>

This supplement contains information for the following models listed in **MODELS APPENDIX**.

Your Authorized Cannondale Dealer

To make sure your bike is serviced and maintained correctly, and that you protect applicable warranties, please coordinate all service and maintenance through your Authorized Cannondale Dealer.

NOTICE

Unauthorized service, maintenance, or repair parts can result in serious damage and void your warranty.

Contacting Cannondale

Cannondale USA

Cycling Sports Group, Inc.
1 Cannondale Way, Wilton CT, 06897, USA
1-800-726-BIKE (2453)

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7570 GC, OLDENZAAL, Netherlands
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Drive-Assist System

The manufacturer’s owner’s manuals and instructions for the operation and maintenance of the drive-assist system are available as electronic downloads (in Adobe Acrobat PDF format) from our website. Obtain and read these materials BEFORE you operate the bike.

WARNING

Do not operate your E-Bike until you have read and understand the manufacturer’s manuals and instructions.

Please go to the “**MODELS APPENDIX**” section of this supplement to find information on how to download the manufacturer’s drive-assist system manuals.

You may also visit the SUPPORT section of our website and select your bike model:

<http://www.cannondale.com/en/USA/Support/OwnerManuals/E-Series> www.cannondale.com.

IDENTIFICATION

E-Bike Parts

An example E-Bike model is shown below. Your actual model and the accessories (e.g. lighting, fenders, rack, kickstand) may be different.



- | | | | | | | | |
|---|----------------------------|---|---------------------------|----|---------------------|----|--------------------|
| 1 | Frame | 6 | Rear chain ring | 10 | Fender | 15 | Key |
| 2 | Drive motor | 7 | Drive sensor/spoke magnet | 11 | Rear Rack | 16 | Serial Number (ID) |
| 3 | Drive display/control unit | 8 | Head Lamp | 12 | Kickstand | 17 | Label |
| 4 | Drive battery | 9 | Rear Lamp | 13 | Number plate holder | | |
| 5 | Front chain ring | | | 14 | Number plate light | | |

Keys

The drive system is turned ON and OFF using a key. Keys may also operate accessories and locks, if equipped. Keys are identified by the serial number, SERIAL. Please record the key serial number for future use and key replacement. If your keys are ever lost or stolen, or you would like additional spares, please contact the key provider.

NOTICE

Don't ride with key in battery lock. Always remove the key from the lock after using it. Keys may be stolen or break off accidentally in the lock. Keep your spare key in a safe place.

Replacement information by key provider:

AXA	http://www.axa-stenman.com
ABUS <small>Security Tech Germany</small>	www.abus.com
TRELOCK <small>GERMAN INNOVATION SINCE 1884</small>	http://www.trelock.de/web/en/services/schluesselservice/schluesselservice.php

Record SERIAL here.

SAFETY INFORMATION

Intended Use

Electric bikes, also known as “E-Bikes” are bicycles equipped with an electric pedal assist drive system. An E-Bike IS NOT a moped or motorcycle.

The drive-assist system consists of a drive unit, a battery, a computer control, and various electronic components (harness wires, sensors, and switches). This model bike does share components common with pedal-only bikes.

There are many different drive-assist systems for differing uses and bike types. Likewise there are various drive-assist system manufacturers (Shimano, BOSCH, Yamaha, etc.)

It is important to know that when the drive-assist system is turned ON, the drive unit engages to provide power only while you are pedaling. The amount of power provided by the drive unit depends on your pedaling force and the assistance mode/level you set with the handlebar control unit. At anytime, if you stop pedaling, the drive-assist will dis-engage. In all modes/levels, the drive-assist system power reduces progressively and cuts off as the bike reaches a the maximum allowable speed. The drive-assist re-engages when speed drops below the maximum allowable speed as long as the pedals are turning.

Whenever the drive-assist system is turned OFF, you can pedal the bike normally. The drive system will not engage.

WARNING

UNDERSTAND YOUR BIKE , DRIVE-ASSIST SYSTEM AND THE INTENDED USE OF BOTH. USING YOUR BIKE THE WRONG WAY IS DANGEROUS.

Please read your *Cannondale Bicycle Owner’s Manual* for more information about Intended Use and Conditions 1-5.

DRIVE SYSTEM: You must follow the manufacturer’s instruction for intended use or limitation. Please consult the manufacturer’s owner’s manuals and instructions.

Please consult the **MODEL APPENDIX** section of this supplement for more information.

Drive System

WARNING

MANUFACTURER’S INSTRUCTIONS - In addition to this supplement, you must read and follow the manufacturer’s instructions for all components of the drive-assist system:

Drive Unit	Battery
Display/Control Unit	Charger

These instructions contain correct operation, service and maintenance information. Drive system instructions can be also be found at:

<http://www.cannondale.com/en/USA/Support/OwnerManuals/E-Series> www.cannondale.com.

No Modification

WARNING

DO NOT MODIFY THIS BICYCLE/DRIVE SYSTEM/ IN ANY WAY FOR ANY REASON. Doing so can result in severe damage, faulty or dangerous operating conditions, or violation of local laws.

Dealers and Owners MUST NOT change, alter, or modify in any way the original components of the bicycle or drive-assist system (e.g. the specified sizing of the attached gear ratios (front/rear chain rings)). Attempts to “hot-rod” or “improve” the speed of the bike are dangerous to the rider. Use only specified Cannondale and/or manufacturer drive-assist service and replacement parts.

**YOU CAN BE YOU SERIOUSLY INJURED,
PARALYZED OR KILLED
IF YOU IGNORE WARNINGS.**

SAFETY INFORMATION

Compliance/Regulation

WARNING

YOU MUST OBEY ALL LOCAL LAWS & REGULATORY REQUIREMENTS - It is your responsibility to identify and follow all local laws and regulations necessary for legal compliance. Compliance with local regulation is critical to the safety of a rider and others where the bike is used.

Here are some important specifications related to compliance with local laws:

VEHICLE CLASS - A definition (California, USA) of the different types of E-Bikes, E-Bike labeling and legal use areas, including any required additional equipment, registration, and applicable rider age restrictions.

VEHICLE CATEGORY - A definition of the European Union of the different types of E-Bikes, who and where they may be used, necessary additional equipment such as lighting and signaling devices as well as any necessary insurance and licensing.

MINIMUM OPERATOR AGE - A minimum age requirement for a rider of the E-Bike. This restriction as well as speed and additional equipment requirements (light, helmets, license plates, signal lamps, etc.)

Follow any state or local laws for any minimum age restrictions for E-Bikes.

Ask your local Authorized Cannondale Dealer for more information about operating an electrically assisted pedal bicycle in your area.

Please consult the **MODEL APPENDIX** section of this supplement for more information.

Operation

WARNING

ALWAYS WEAR AN APPROVED BICYCLE HELMET AND ALL OTHER PROTECTIVE GEAR (e.g. GLOVES, PADS, AND CYCLING SHOES).

IMPORTANCE OF PRACTICE & RIDER TRAINING

- Before you ride this bike, practice riding in a safe area free from hazards. Take time to learn to bike's controls and performance. Practice the controls and gain the experience necessary to avoid the many hazards you will encounter while riding.

DO NOT RIDE "HANDS-OFF" - Keep your hands on the handlebars when riding the bike. If you remove your hands from the handlebar while riding, you can lose control of the bicycle and crash.

CHANGING THE ASSISTANCE LEVEL WHILE RIDING

- Changing the drive-assistance level while riding will increase or decrease the acceleration of the bike. You should anticipate this change in speed and react appropriately depending on the riding conditions. (such as on slippery trails, tight turns, or unstable or uneven surfaces). Set assistance level to "ECO" (lowest assist) or "OFF" before descending technical trails, (e.g. tight downhill switchbacks).'

WHEN NOT RIDING - TURN THE DRIVE SYSTEM OFF and REMOVE THE BATTERY , KEY, AND CONTROL UNIT AND STORE ALL IN A SECURE AREA TO PREVENT UNAUTHORIZED USE.

Remove the battery and key when the bike is parked for long periods.

DO NOT RIDE THE E-BIKE WITHOUT THE BATTERY. MAKE SURE THE BATTERY IS FULLY CHARGED BEFORE EVERY RIDE. This will help ensure adequate battery power for necessary lighting and the drive system.

DO NOT REMOVE ANY LIGHTING OR REFLECTORS AND DO NOT RIDE IF THEY DO NOT WORK.

DO NOT ALLOW CHILDREN TO OPERATE OR COME INTO CONTACT WITH E-BIKE OR ITS PARTS.

ONLY TURN THE DRIVE SYSTEM ON WHEN YOU ARE SEATED WITH YOUR HANDS ON THE HANDLEBAR READY TO RIDE.

SAFETY INFORMATION

ACCIDENTAL ACTIVATION - Always remove battery from the bike before working on the bicycle or if you transport the bike by car or plane. Accidental activation of the bicycle drive system can result in serious injury.

The drive system will not function without the computer unit attached to the base properly. If the computer disconnects from the base during operation, the drive system will shut off. If this happens you will have to stop the bike, turn the system off, re-attach the computer to the base, and then turn the system back on to resume. Remove the computer when not operating the bike to prevent theft or unauthorized use.

YOUR INSURANCE POLICIES - Your insurance policies (e.g. liability, property and injury) may not provide coverage for accidents involving the use of this bicycle. To determine if coverage is provided you should contact your insurance company or agent. Also, make sure your speed e-bike is insured and registered according to the local laws.

RIDE SENSIBLY, RIDE SAFELY AROUND OTHERS

- The application of power by means of the electric motor assist means that riders can reach high speed. Riding faster increases the risks of serious accidents.

Watch out for other vehicles, cyclists, pedestrians, and animals where you ride. Always operate under control and at a safe speed. Others may not be aware of you. It is your responsibility to anticipate and react to avoid accidents.

E-BIKES ARE HEAVIER THAN ORDINARY BIKES

- Always park the bike in a suitable safe area away from children, cars or animals that may come into contact with it. Park the bike so that it cannot fall over possibly resulting in injuries.

DO NOT RIDE INTO OR ATTEMPT TO RIDE THROUGH WATER OR SUB-MERGE ANY PART OF THE BIKE. If you ride through water you can lose control of the bike or the drive-assist system can become disabled or damaged.

Commuting

WARNING

EQUIPMENT - Any bicycle including an E-Bike must be properly equipped for commuting including any legally required lights, signals, and registrations. Ask your Authorized Cannondale Retailer about commuting and if your bike's intended use is suited to commuting and it is properly equipped.

DANGERS - Operating an E-bike as a commuting vehicle is no less dangerous than an ordinary pedal bike or automobile. E-Bikes are certainly not designed to protect you in a crash. Do not assume the bike or its drive capability will protect you or keep you from being involved in a serious accident.

NIGHT RIDING - Riding at night on an E-Bike or pedal-only bikes is very hazardous.

Read the topic "Riding at Night" in your *Cannondale Bicycle Owner's Manual* now for more information on the many hazards of riding at night.

You must operate with a very high degree of awareness and precaution to only reduce the risk of death or serious injury.

No Child Seats or Trailers

WARNING

Child seats and trailers or racks can not be used and are not allowed to be used with your Cannondale E-Bike.

**YOU CAN BE SERIOUSLY INJURED,
PARALYZED OR KILLED
IF YOU IGNORE WARNINGS.**

SAFETY INFORMATION

Battery & Charger

DANGER

The battery pack voltage must match the battery pack charging voltage of the charger. Otherwise, there is risk of fire and explosion.

WARNING

REPLACEMENT - Only use the battery pack and charger indicated in the MODEL TECHNICAL of this supplement. Do not use other batteries or chargers. Do not use the charger to charge other batteries.

PREVENT DAMAGE - Do not drop the battery or charger. Do not open, disassemble, or modify the battery or charger. No user serviceable parts inside.

Keep the battery out of intense sunlight. Keep away from heat. Heat will damage the battery.

Keep battery away from paper clips, coins, keys, nails, screws or other small metal items, to prevent shorting exposed battery contacts. Shorting battery contacts can cause severe burns, fire, or explosion.

ACCIDENTAL ACTIVATION - Always remove battery from the bike before working on the bicycle or if you transport the bike by car or plane. Accidental activation of the bicycle drive system can result in serious injury.

STORAGE & TRANSPORTATION - When the battery is not in use in the bicycle, its transportation is subject to hazardous materials regulation. Special packaging and labeling requirements may exist. Contact local authorities for specific requirements. Never transport a damaged battery. Insulate battery contacts before packaging. Package battery inside a shipping container to prevent damage.

The battery must be removed before flying and may be subject to special handling by the air carrier.

CHARGING - Remove battery from bike before charging. Bring indoors and allow to reach room temperature before charging. Make sure charger and A/C outlet are the same voltage.

Locate both charger and battery indoors, in a clean, dry area with good ventilation to charge. Make sure the area is free from combustibles to avoid fire from sparks or overheating. Keep charger ventilation openings unobstructed. Do not cover the charger or the battery.

Disconnect the battery from the charger unit when fully charged. Do not leave a fully charged battery connected to the charger. Unplug the charger from the wall outlet when not in use.

Maintain the battery and the charger as directed by the manufacturer's instructions.

DISPOSAL - Battery pack/charger contain regulated materials and must be disposed/discarded in accordance with national and/or local laws. Do not discard the battery/charger into fire, water or ordinary household waste/garbage. Take to a waste facility/recycler.



FAILURE TO OBSERVE THESE WARNINGS CAN RESULT IN ELECTRICAL FIRES, EXPLOSION, OR SEVERE BURNS OR ELECTROCUTION.

SAFETY INFORMATION

Kickstand

WARNING

If your E-Bike is equipped with a kickstand:

Do not sit on the bicycle with the kickstand down. Kickstand is not designed to support the weight of a person.

Make sure kickstand is up before riding. The kickstand folds in automatically when bike is not leaned to the side. Make sure you park your bike on an appropriate surface.

The kickstand must only be installed by a professional bike mechanic and if installed, it must be safely compatible with your bike frame. No modifications must be done to the frame in order to fit one.

Rear Rack

WARNING

The **MODEL APPENDIX** section of this supplement will indicate if a rear rack can be safely fitted to your model bike.

A rear rack must only be installed by a professional bike mechanic and if installed, it must be safely compatible with your bike frame. No modifications must be done to the frame in order to fit one.

Do not overload a rear rack. Make sure the cargo is secured properly.

Observe the **RACK MAXIMUM WEIGHT LIMIT** found in the **MODEL APPENDIX** section of this supplement.

Improperly installing a rack, altering your bike to install a rack, or over-loading a bike rack can create dangerous riding conditions.

Maintenance

See also, MAINTENANCE in this supplement.

WARNING

E-Bikes need more maintenance that you might be aware. You can not ignore maintenance.

Here are some critical maintenance items that can require frequent attention:

- Tire Pressure/tread condition - check it often!
- Brake pads and braking - check and replace pads frequently.
- Chain /belt drive - clean and inspect often. Replace it when worn out.
- Fasteners can loosen over time. Have fasteners and mounted accessories checked often by a professional bike mechanic.

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MAINTENANCE

The following table lists only supplemental maintenance items. Please consult your **Cannondale Bicycle Owner's Manual** for more information on basic bike maintenance. Consult with your Authorized Cannondale Dealer to create a complete maintenance program for your riding style, components, and conditions of use. Follow the maintenance recommendations given by the component manufacturer's for the various parts of your bike.

CHECK THE FOLLOWING BEFORE EACH RIDE:

- Make sure the battery is fully charged and locked securely in position on the bicycle.
- Check tire pressure and wheel condition. Make sure wheel quick releases are firmly closed.
- Check the drive chain condition. Make sure it is clean and well-lubricated. Chain wear is greater compared with pedal only bikes. This requires frequent inspection and replacement.
- Check the bicycle front and rear lighting to make sure it works properly.
- Check the bicycle brakes, make sure they are working well. Brake system pad and disc wear is greater compared with pedal only bikes. This requires frequent inspection and replacement.
- Inspect condition of electrical cables (i.e. Kinks free, no signs of abrasive wear)
- Test the drive-assist system, make sure the drive system functions normally.
- If your E-Bike model was equipped a lighting system, brake lights, headlights, and number plate illumination, make sure these lights are each functioning normally. Make sure the number plate is clean and readable.

IF YOU FIND ANY DAMAGE, DO NOT RIDE THE BIKE, CONTACT YOUR AUTHORIZED CANNONDALE DEALER.

TO BE PERFORMED BY AUTHORIZED CANNONDALE DEALER:

Recommended after the first 150 km, bring your bike to your Authorized Cannondale Dealer for an initial check-up. It should include checks of the drive-assist system, drive chain condition, proper shifting, accessories, wheels and tire condition, brakes, etc. This visit will help you establish a schedule for repeated visits appropriate for how and where you ride.

Every 1000 km, bring your bike in to your Authorized Cannondale Dealer for a regular detailed inspection, adjustment, and replacement of wear items across the entire bike. Electrically powered-assist cycle (electric bikes) can wear out wheels, tires, drive chain, brakes, more quickly.

WARNING

ANY PART OF A POORLY MAINTAINED BIKE CAN BREAK OR MALFUNCTION LEADING TO AN ACCIDENT WHERE YOU CAN BE KILLED, SEVERELY INJURED OR PARALYZED.

Please ask your Authorized Cannondale Dealer to help you develop a complete maintenance program, a program which includes a list of the parts on your bike for YOU to check regularly. Frequent checks are necessary to identify the problems that can lead to an accident.

Drive-Assist System

NOTICE

Drive-assist system components must only be serviced at an authorized service center. This will ensure the quality and safety of the drive-assist system.

Never attempt to open, remove drive system parts from the frame, or work on them yourself. Other components of the electric bicycle drive (e.g. drive chain, front chain ring, rear cassette, rear derailleur, crank arm) must be serviced by an Authorized Cannondale Dealer.

Replacement parts must be identical to the original Cannondale specification for the bike. See **MODELS APPENDIX** in this supplement. Failure to replace components with original specification can result in serious overload or other damage to the drive unit.

Unauthorized opening or service of the drive unit will void the warranty.

Cleaning

When cleaning your bike, use a damp sponge or a soft brush with only a mild soap and water solution. Rinse the sponge often. Do not spray water directly on controls or drive system components.

NOTICE

Do not use a pressure washer or dry with compressed air. This will force contaminants into sealed areas, electrical connections/components promoting corrosion, immediately damaging, or result in accelerated wear.

WARNING

KEEP WATER AWAY FROM THE ELECTRICAL COMPONENTS.

MAKE SURE THE BIKE IS SECURED UPRIGHT AND CAN NOT FALL OVER ACCIDENTALLY WHILE YOU ARE CLEANING IT.

Don't rely on the kickstand. Use a sturdy portable bicycle wheel stand to hold the bike upright.

Keys

Please Note: After lots of rides and washing, the battery lock can become dry and difficult to use.

To maintain, whenever you lubricate your bike chain, place a few drops of chain oil on the key insert the key and operate the lock, then remove and wipe the key clean.

2020 MODELS APPENDIX

Platform / Region Specification	Canvas Neo / EU			
Intended Use Condition ¹	ASTM Condition 2			
Region	EU			
Model Code	C64100M	C64100F	C64200M	C64200F
Model Name	Canvas Neo 1	Canvas Neo 1 Remixte	Canvas Neo 2	Canvas Neo 2 Remixte
EPAC Type ² / E-Bike Class ³	N/A			
EPAC according to	EN 15194			
Drive-Assist System	Bosch Performance Line CX		Bosch Active Line Plus	
Battery	Bosch PowerTube 500Wh			
Display	Bosch Purion			
Range Extender	Bosch PowerPack 300Wh V 400Wh V 500Wh	N/A		
Max. Power, Continuous	250 W			
Max. Speed	25 km/h			
Max. Weight, Rack	8 kg per side			
EPAC Max. Weight (kg)	19.9 kg		21.6 kg	
Max. Weight, Total	150 kg			
Drive-Assist Owner's Manual	https://www.bosch-ebike.com/de/service/downloads/			

Platform / Region Specification	Canvas Neo / US			
Intended Use Condition ¹	ASTM Condition 2			
Region	US			
Model Code	C64150M	C64170U	C64250M	C64270U
Model Name	Canvas Neo 1	Canvas Neo 1 Remixte	Canvas Neo 2	Canvas Neo 2 Remixte
EPAC Type ² / E-Bike Class ³	Class 1			
EPAC according to	N/A			
Drive-Assist System	Bosch Performance Line Speed		Bosch Active Line Plus	
Battery	Bosch PowerTube 500Wh		Bosch PowerTube 400Wh	
Display	Bosch Purion			
Range Extender	Bosch PowerPack 300Wh V 400Wh V 500Wh	N/A		
Max. Power, Continuous	250 W			
Max. Speed	28 mph		20 mph	
Max. Weight, Rack	17 lbs. per side			
EPAC Max. Weight (kg)	43.9 lbs.		47.6 lbs.	
Max. Weight, Total	330 lbs			
Drive-Assist Owner's Manual	https://www.bosch-ebike.com/de/service/downloads/			

¹ ASTM F2043

² 2006/42/EC (EU)

³ AB 1096 (USA)

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Platform / Region Specification	Gujo Neo / US
Intended Use Condition ¹	ASTM Condition 4
Model Code	C61250M
Model Name	Gujo Neo 130
EPAC Type ² / E-Bike Class ³	Class 1
EPAC according to	N/A
Drive-Assist System	Shimano DU-E8000
Battery	Shimano BT-E8020
Range Extender	N/A
Display	Shimano EW-EN100
Max. Power, Continuous	250 W
Max. Speed	20 mph
Max. Weight, Rack	N/A
EPAC Max. Weight	55.1 lbs
Max. Weight, Total	330 lbs.
Drive-Assist Owners Manual	http://si.shimano.com

Platform / Region Specification	Habit Neo / EU				Habit Neo / US	
Intended Use Condition ¹	ASTM Condition 4				ASTM Condition 4	
Model Code	C65150M	C65250M	C65350M	C65450M	C65250M	C65450M
Model Name	Habit Neo 1	Habit Neo 2	Habit Neo 3	Habit Neo 4	Habit Neo 2	Habit Neo 4
EPAC Type ² / E-Bike Class ³	N/A				Class 1	
EPAC according to	EN 15194				N/A	
Drive-Assist System	Bosch Performance Line CX				Bosch Performance Line CX	
Battery	Bosch PowerTube 600 Wh		Bosch PowerTube 500 Wh		Bosch PowerTube 600 Wh	Bosch PowerTube 500 Wh
Range Extender	N/A				N/A	
Display	Bosch Kiox		Bosch Purion		Bosch Kiox	Bosch Purion
Max. Power, Continuous	250 W				250 W	
Max. Speed	25 km/h				20 mph	
Max. Weight, Rack	N/A				N/A	
EPAC Max. Weight	22.1 kg	22.8 kg	21.3 kg	22.3 kg	50.2 lbs.	49.2 lbs.
Max. Weight, Total	150 kg				330 lbs.	
Drive-Assist Owners Manual	https://www.bosch-ebike.com/de/service/downloads/					

¹ ASTM F2043

² 2006/42/EC (EU)

³ AB 1096 (USA)

Platform / Region Specification	Quick Neo / EU		Quick Neo / US	
Intended Use Condition ¹	ASTM Condition 2		ASTM Condition 2	
Model Code	C63100M	C63200M	C63100M	C63500M
Model Name	Quick Neo EQ	Quick Neo	Quick Neo EQ	Quick Neo
EPAC Type ² / E-Bike Class ³	N/A		Class 1	
EPAC according to	EN 15194		N/A	
Drive-Assist System	Bosch Active Line Plus		Bosch Active Line Plus	
Battery	Bosch PowerTube 500Wh	Bosch PowerTube 400Wh	Bosch PowerTube 500Wh	
Range Extender	N/A		N/A	
Display	Bosch Kiox	Bosch Purion	Bosch Kiox	Bosch Purion
Max. Power, Continuous	250 W		250 W	
Max. Speed	25 km/h		20 mph	
Max. Weight, Rack	8 kg / 17 lb. per side	N/A	N/A	
EPAC Max. Weight	21 kg	18.2 kg	48 lbs	41 lbs
Max. Weight, Total	EU -150 kg, US - 330 lbs			
Drive-Assist Owners Manual	https://www.bosch-ebike.com/de/service/downloads/			

Platform / Region Specification	Quick Neo SL / EU			
Intended Use Condition ¹	ASTM Condition 2			
Model Code	C63300M	C63300U	C63400M	C63400U
Model Name	Quick Neo SL 1	Quick Neo SL 1 Remixte	Quick Neo SL 2	Quick Neo SL 2 Remixte
EPAC Type ² / E-Bike Class ³	N/A			
EPAC according to	EN 15194			
Drive-Assist System	Ebikemotion X35			
Battery	Ebikemotion X35 250Wh			
Range Extender	Ebikemotion X35 250Wh	N/A	Ebikemotion X35 250Wh	N/A
Display	N/A			
Max.. Power, Continuous	250 W			
Max. Speed	25 km/h			
Max. Weight, Rack	N/A			
EPAC Max. Weight	15.4 kg		15.2 kg	
Max. Weight, Total	150 kg			
Drive-Assist Owners Manual	https://www.ebikemotion.com/web/download-center/			

¹ ASTM F2043

² 2006/42/EC (EU)

³ AB 1096 (USA)

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Platform / Region Specification	Quick Neo SL / US			
Intended Use Condition ¹	ASTM Condition 2			
Model Code	C63300M	C63300U	C63400M	C63400U
Model Name	Quick Neo SL 1	Quick Neo SL 1 Remixte	Quick Neo SL 2	Quick Neo SL 2 Remixte
EPAC Type ² / E-Bike Class ³	N/A			
EPAC according to	EN 15194			
Drive-Assist System	Ebikemotion X35			
Battery	Ebikemotion X35 250Wh			
Range Extender	Ebikemotion X35 250Wh	N/A	Ebikemotion X35 250Wh	N/A
Display	N/A			
Max. Power, Continuous	250 W			
Max. Speed	20 mph			
Max. Weight, Rack	N/A			
EPAC Max. Weight	34.0 lbs.		33.5 lbs.	
Max. Weight, Total	330 lbs.			
Drive-Assist Owners Manual	https://www.ebikemotion.com/web/download-center/			

Platform / Region Specification	Mavaro / EU			
Intended Use Condition ¹	ASTM Condition 2			
Model Code	C64500U	C64550M	C64600U	C64650M
Model Name	Mavaro Active City	Mavaro Active	Mavaro Performance City	Mavaro Performance
EPAC Type ²	N/A			
EPAC according to	EN 15194			
Drive-Assist System	Bosch Active Line Plus		Bosch Performance Line Cruise	
Battery	Bosch PowerPack 500Wh		Bosch PowerPack 500Wh	
Range Extender	N/A			
Display	Bosch Purion			
Max. Power, Continuous	250 W			
Max. Speed	25 km/h			
Max. Weight, Rack	25 kg			
EPAC Max. Weight	22.0 kg	22.0 kg	22.2 kg	22.2 kg
Max. Weight, Total	150 kg			
Drive-Assist Owner's Manual	https://www.bosch-ebike.com/de/service/downloads/			

¹ ASTM F2043

² 2006/42/EC (EU)

³ AB 1096 (USA)

Platform / Region Specification	Mavaro Neo/ EU				/ US
Intended Use Condition ¹	ASTM Condition 2				
Model Code	C64100U	C64200U	C64300U	C64400U	C64159U
Model Name	Mavaro Neo City 1	Mavaro Neo City 2	Mavaro Neo City 3	Mavaro Neo City 4	Mavaro Neo City
EPAC Type ² / E-Bike Class ³	N/A				Class 1
EPAC according to	EN 15194				N/A
Drive-Assist System	Bosch Performance Line Cruise	Bosch Active Line Plus			Bosch Active Line Plus
Battery	Bosch PowerPack 500Wh			Bosch PowerPack 400Wh	Bosch Power-Pack 400Wh
Range Extender	N/A				N/A
Display	Bosch Purion				Bosch Purion
Max. Power, Continuous	250 W				250 W
Max. Speed	25 km/h				20 mph
Max. Weight, Rack	25 kg				55 lbs.
EPAC Max. Weight	22.8 kg	23.4 kg	22.5 kg	23 kg	49 lbs.
Max. Weight, Total	150 kg				330 lbs.
Drive-Assist Owners Manual	https://www.bosch-ebike.com/de/service/downloads/				

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² 2006/42/EC (EU)

³ AB 1096 (USA)

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Platform / Region Specification	Moterra / EU			
Intended Use Condition ¹	ASTM Condition 4			
Model Code	C65100M	C65120M	C65200M	C65300M
Model Name	Moterra 1	Moterra SE	Moterra 2	Moterra 3
EPAC Type ²	EN 15194			
EPAC according to	N/A			
Drive-Assist System	Bosch Performance Line CX			
Battery	Bosch PowerTube 600Wh		Bosch PowerTube 500Wh	
Range Extender	N/A			
Display	Bosch Kiox	Bosch Purion		
Max. Power, Continuous	250 W			
Max. Speed	25 km/h			
Max. Weight, Rack	25 kg			
EPAC Max. Weight	23.3 kg	24.0 kg	23.2 kg	21.9 kg
Max. Weight, Total	150 kg			
Drive-Assist Owner's Manual	https://www.bosch-ebike.com/de/service/downloads/			

Platform / Region	Moterra / US			
Intended Use Condition ¹	ASTM Condition 4			
Model Code	C65100M	C65120M	C65200M	C65300M
Model Name	Moterra 1	Moterra SE	Moterra 2	Moterra 3
EPAC Type ²	Class 1			
EPAC according to	N/A			
Drive-Assist System	Bosch Performance Line CX			
Battery	Bosch PowerTube 600Wh		Bosch PowerTube 500Wh	
Range Extender	N/A			
Display	Bosch Kiox	Bosch Purion		
Max. Power, Continuous	250 W			
Max. Speed	20 mph			
Max. Weight, Rack	N/A			
EPAC Max. Weight (kg)	51.3 lbs.	52.9 lbs.	51.1 lbs.	48.3 lbs.
Max. Weight, Total	330 lbs.			
Drive-Assist Owner's Manual	https://www.bosch-ebike.com/de/service/downloads/			

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Platform / Region Specification	Supersix EVO NEO / EU			US		
Intended Use Condition ¹	ASTM Condition 2			ASTM Condition 2		
Model Code	C66150M	C66250M	C66350M	C66150M	C66250M	C66350M
Model Name	SuperSix EVO Neo 1	SuperSix EVO Neo 2	SuperSix EVO Neo 3	SuperSix EVO Neo 1	SuperSix EVO Neo 2	SuperSix EVO Neo 3
EPAC Type ² / E-Bike Class ³	N/A			Class 1		
EPAC according to	EN 15194			N/A		
Drive-Assist System	Ebikemotion X35			Ebikemotion X35		
Battery	Ebikemotion X35 250Wh			Ebikemotion X35 250Wh		
Range Extender	Ebikemotion X35 250Wh			Ebikemotion X35 250Wh		
Display	N/A			N/A		
Max. Power, Continuous	250 W			250 W		
Max. Speed	25 km/h			20 mph		
Max. Weight, Rack	N/A			N/A		
EPAC Max. Weight	11.3 kg	12.4 kg	12.4 kg	25.0 lbs.	27.4 lbs.	27.3 lbs.
Max. Weight, Total	150 kg			330 lbs.		
Drive-Assist Owners Manual	https://www.ebikemotion.com/web/download-center/					

Platform / Region	Synapse Neo / EU				US	
Intended Use Condition ¹	ASTM Condition 2				ASTM Condition 2	
Model Code	C67100M	C67200M	C67300M	C67400M	C67100M	C67300M
Model Name	Synapse Neo 1	Synapse Neo EQ	Synapse Neo SE	Synapse Neo 2	Synapse Neo 1	Synapse Neo SE
EPAC Type ² / E-Bike Class ³	N/A				Class 1	
EPAC according to	EN 15194				N/A	
Drive-Assist System	Bosch Active Line Plus				Bosch Active Line Plus	
Battery	Bosch PowerTube 500Wh				Bosch PowerTube 500Wh	
Range Extender	N/A				N/A	
Display	Bosch Purion				Bosch Purion	
Max. Power, Continuous	250 W				250 W	
Max. Speed	25 km/h				20 mph	
Max. Weight, Rack	N/A	8 kg per side	N/A		N/A	
EPAC Max. Weight	17.7 kg	19 kg	18.4 kg	17.8 kg	39.0 lbs.	40.6 lbs.
Max. Weight, Total	150 kg				330 lbs.	
Drive-Assist Owners Manual	https://www.bosch-ebike.com/de/service/downloads/					

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Platform / Region Specification	Tesoro Neo X / EU			
Intended Use Condition ¹	ASTM Condition 2			
Model Code	C66100M	C66100F	C66200M	C66200F
Model Name	Tesoro Neo X 1	Tesoro Neo X 1 Remixte	Tesoro Neo X 2	Tesoro Neo X 2 Remixte
EPAC Type ² / E-Bike Class ³	N/A			
EPAC according to	EN 15194			
Drive-Assist System	Bosch Performance Line CX			
Battery	Bosch PowerTube 500Wh			
Range Extender	Bosch Power-Pack 300Wh V 400Wh V 500Wh	N/A	Bosch Power-Pack 300Wh V 400Wh V 500Wh	N/A
Display	Bosch Kiox		Bosch Purion	
Max. Power, Continuous	250 W			
Max. Speed	25 km/h			
Max. Weight, Rack	15 kg			
EPAC Max. Weight	23.3 kg	23.3 kg	24 kg	24 kg
Max. Weight, Total	150 kg			
Drive-Assist Owners Manual	https://www.bosch-ebike.com/de/service/downloads/			

Platform / Region Specification	Tesoro Neo X / EU	
Intended Use Condition ¹	ASTM Condition 2	
Model Code	C66300M	C66300F
Model Name	Tesoro Neo X 3	Tesoro Neo X 3 Remixte
EPAC Type ² / E-Bike Class ³	N/A	
EPAC according to	EN 15194	
Drive-Assist System	Bosch Active Line Plus	
Battery	Bosch PowerTube 500Wh	
Range Extender	N/A	
Display	Bosch Purion	
Max. Power, Continuous	250 W	
Max. Speed	25 km/h	
Max. Weight, Rack	15 kg	
EPAC Max. Weight	24.7 kg	
Max. Weight, Total	150 kg	
Drive-Assist Owners Manual	https://www.bosch-ebike.com/de/service/downloads/	

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Platform / Region Specification	Tesoro Neo X / US			
Intended Use Condition ¹	ASTM Condition 2			
Model Code	C66160M	C66170U	C66360M	C66370U
Model Name	Tesoro Neo X 1	Tesoro Neo X 1 Remixte	Tesoro Neo X 3	Tesoro Neo X 3 Remixte
EPAC Type ² / E-Bike Class ³	Class 1			
EPAC according to	N/A			
Drive-Assist System	Bosch Performance Line Speed		Bosch Active Line Plus	
Battery	Bosch PowerTube 500Wh		Bosch PowerTube 400Wh	
Range Extender	Bosch PowerPack 300Wh V 400Wh V 500Wh	N/A		
Display	Bosch Kiox		Bosch Purion	
Max. Power, Continuous	250 W			
Max. Speed	20 mph			
Max. Weight, Rack	33 lbs.			
EPAC Max. Weight	50 lbs.	50 lbs.	55 lbs.	55 lbs.
Max. Weight, Total	330 lbs.			
Drive-Assist Owners Manual	https://www.bosch-ebike.com/de/service/downloads/			

Platform / Region Specification	Trail Neo / EU		
Intended Use Condition ¹	ASTM Condition 3		
Model Code	C61100M	C61200M	C61300M
Model Name	Trail Neo 1	Trail Neo 2	Trail Neo 3
EPAC Type ² / E-Bike Class ³	N/A		
EPAC according to	EN 15194		
Drive-Assist System	Bosch Performance Line CX		Bosch Active Line Plus
Battery	Bosch PowerTube 500Wh		Bosch PowerTube 400Wh
Range Extender	Bosch PowerPack 300Wh V 400Wh V 500Wh		N/A
Display	Bosch Purion		
Max. Power, Continuous	250 W		
Max. Speed	25 km/h		
Max. Weight, Rack	N/A		
EPAC Max. Weight	19.8 kg	22 kg	22.4 kg
Max. Weight, Total	150 kg		
Drive-Assist Owners Manual	https://www.bosch-ebike.com/de/service/downloads/		

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Platform / Region Specification	Treadwell Neo / EU			
Intended Use Condition ¹	ASTM Condition 2			
Model Code	C63150M	C63150U	C63250M	C63250U
Model Name	Treadwell Neo	Treadwell Neo Remixte	Treadwell Neo EQ	Treadwell Neo EQ Remixte
EPAC Type ² / E-Bike Class ³	N/A			
EPAC according to	EN 15194			
Drive-Assist System	Ebikemotion X35			
Battery	Ebikemotion X35 250Wh			
Range Extender	Ebikemotion X35 250Wh	N/A	Ebikemotion X35 250Wh	N/A
Display	N/A			
Max. Power, Continuous	250 W			
Max. Speed	25 km/h			
Max. Weight, Rack	N/A		10 kg	
EPAC Max. Weight	15.1 kg	15.2 kg	17.5 kg	17.6 kg
Max. Weight, Total	150 kg			
Drive-Assist Owner's Manual	https://www.ebikemotion.com/web/download-center/			

Platform / Region Specification	Treadwell Neo / US			
Intended Use Condition ¹	ASTM Condition 2			
Model Code	C63150M	C63150U	C63250M	C63250U
Model Name	Treadwell Neo	Treadwell Neo Remixte	Treadwell Neo EQ	Treadwell Neo EQ Remixte
EPAC Type ² / E-Bike Class ³	Class 1			
EPAC according to	N/A			
Drive-Assist System	Ebikemotion X35			
Battery	Ebikemotion X35 250Wh			
Range Extender	Ebikemotion X35 250Wh	N/A	Ebikemotion X35 250Wh	N/A
Display	N/A			
Max. Power, Continuous	250 W			
Max. Speed	20 mph			
Max. Weight, Rack	N/A		22 lbs.	
EPAC Max. Weight	33.3 lbs.	33.5 lbs.	38.6 lbs.	38.8 lbs.
Max. Weight, Total	330 lbs.			
Drive-Assist Owner's Manual	https://www.ebikemotion.com/web/download-center/			

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