



NOVA



NOVA TREKKING



MOUNTAIN



MOUNTAIN TREKKING

USER MANUAL

**THIS MANUAL CONTAINS IMPORTANT
SAFETY AND OPERATING INSTRUCTIONS**

Model conforms to safety standards

Product may differ from photos

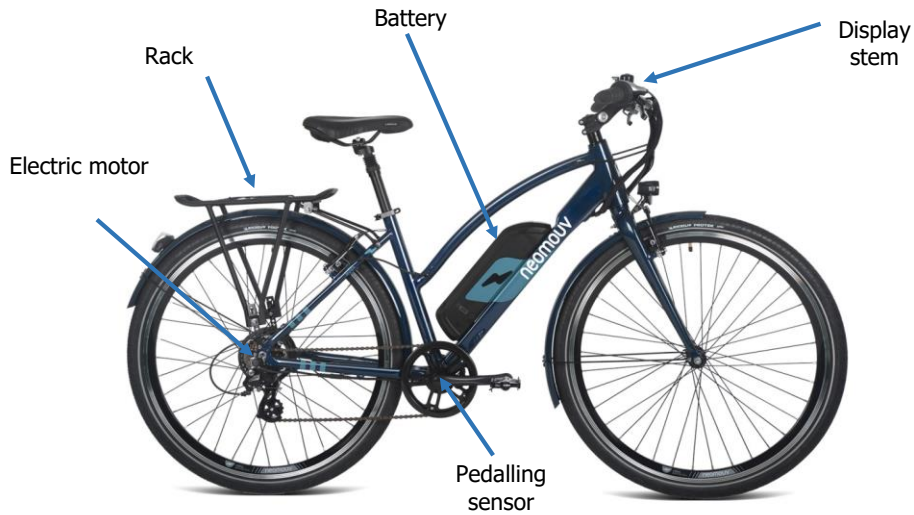
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1- PRESENTATION

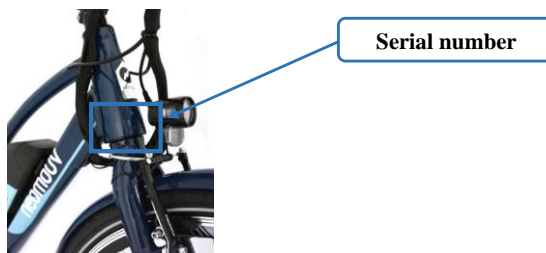
Thank you for choosing a NEOMOUV Electric-Assisted Bicycle (E-Bike)

E-Bike Presentation:



Notes:


- The symbol \triangle indicates important advice or essential safety measures. Follow the various instructions.
- Some adjustment and assembly/disassembly operations require special tools and expertise; perform these only if you have the skills to do so, otherwise consult your authorised dealer or a specialist.
- The symbol \otimes indicates the tools you will need to carry out adjustments.
- Your e-bike has a serial number engraved on the frame by the fork.



\triangle MAXIMUM LOAD: 120 KG. FOR YOUR SAFETY, YOU SHOULD NOT EXCEED THE MAXIMUM LOAD WHEN USING YOUR BICYCLE.

2- ADJUSTMENTS/ASSEMBLY:

2.1 Saddle adjustment:

 6 mm Allen Key

2.1.1 Angle:

Loosen the nut under the saddle.



Adjust the angle of the saddle in order to find your most comfortable position. Tighten the nut, with a maximum tightening torque of 13 Nm.

2.1.2 Height:

The power-assisted bicycle enables you to opt for a lower saddle position than on a classic bike. With power assistance, you expend less effort and can be seated in a lower position for improved safety. The required user (cyclist) height for optimal utilisation of the bike ranges from 1.60 to 1.90 m. So, adjust your saddle height to the correct sitting position as follows:

Loosen the quick-release clamp:

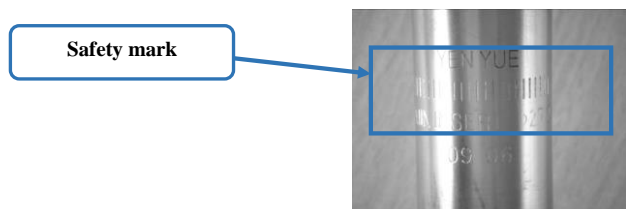


Wearing suitable cycling shoes, sit on the saddle, place one of the pedals in the lowest position, rest one heel on the pedal, and your leg should rest normally on the pedal without being stretched. Raise or lower the saddle to get the correct height. While pedalling backwards, you should not have to move your hips from side to side.

To calculate the height, you can also use the SH (Seat Height) formula = 0.885xIL (inside leg measurement). To measure your inside leg, stand barefoot with your feet five centimetres apart. Without applying too much pressure, place a pole or stick at horizontally at groin height and then measure the height from the stick to the ground. This will give you the IL (inside leg) measurement.



Tighten the quick-release clamp.

△ THE SEAT POST SHOULD NOT BE EXTENDED BEYOND THE ENGRAVED SAFETY MARK (VERTICAL BARS).



The minimum height between the highest point of the saddle and the ground is 85 cm.

2.2 Adjusting the brakes:

-  5 mm Allen Key
-  Screwdriver

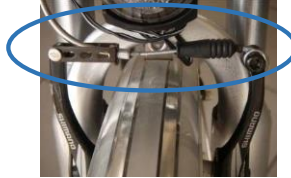
2.2.1 **Front V-Brake (NOVA/ MOUNTAIN models):**

The front brake is operated by the left handle on the handlebar.

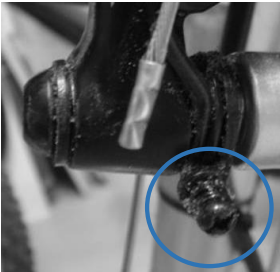
Tighten the nut on the brake handle fully. This adjustment will enable you to compensate later for the natural slackening of the brake cable.



Loosen the cable clamp and pull the cable until the pads touch the wheel rim. Retighten the cable clamp (pay particular attention to either end of the sheath which must fit easily into the rigid connectors on the brake handle and V-Brake).



The pads are in the right position when they are an equal distance from the wheel rim. The final adjustment is made by tightening the bolts on the brake shoe with a screwdriver (a distance of about 0.1 to 0.5 mm from the wheel rim).



The result of your adjustment is correct when the wheel turns freely and stops smoothly.

NB: the action on the brake handle is also applied progressively thanks to the SHIMANO compensator, which ensures effective ABS-type braking.

2.2.2 **Rear V-Brake (NOVA/ MOUNTAIN models):**

The rear brake is operated by the right handle on the handlebar.

As with the front brake (**see section 2.2.1**), tighten the nut on the brake handle fully. This adjustment will enable you to compensate later for the natural loosening of the brake cable.

Loosen the cable clamp (**see** the photos for adjusting the front brake) and pull the cable until the pads are touching the wheel rim.

Retighten the cable clamp (pay particular attention to each end of the sheath, which must fit easily into the rigid connectors on the brake handle and V-Brake).

The pads are in the right position when they are an equal distance from the wheel rim. The final adjustment is made by tightening the bolts on the brake shoe with a screwdriver (a distance of about 0.1 to 0.5 mm from the wheel rim).

△ WARNING! IN WET WEATHER OR ON DAMP GROUND, THE BRAKING DISTANCE INCREASES.

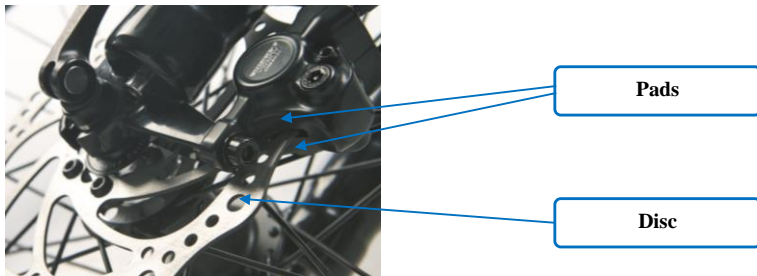
2.2.3 Hydraulic disc brakes (NOVA Trekking/ MOUNTAIN Trekking models):

Your e-bike is equipped with front and rear hydraulic disc brakes. The maintenance of this system must be carried out by a specialist. Nevertheless, here are a few recommendations:

- Periodically check the condition of the lining on the brake pads. It is important to avoid leaving this until the last minute as if the lining is damaged, the disc rubs against the metal of the pads which damages them.

Here are 2 ways to monitor the wear and tear on your pads:

- By sound: the braking sound will be more metallic when the lining is worn.
- By sight: you can see the thickness of the lining when looking from the front of the calliper.




- Regularly check the condition of the discs to ensure they are clean and not too worn. Only use alcohol or water to clean the discs.
- Completely avoid any contact with greasy substances on the disc and the pads. The pads **must** be changed should this occur (they are porous and will absorb the greasy substance).

△ AS A GENERAL RULE, THE HYDRAULIC DISC BRAKING SYSTEM SHOULD NOT BE ADJUSTED BY NON-EXPERTS. WE RECOMMEND THAT YOU CALL A SPECIALIST SHOULD YOU HAVE ANY DOUBTS ABOUT WHAT TO DO.

2.3 Mounting and dismounting the wheels (*rear wheels to be handled by a specialist*):

2.3.1 Front wheel (NOVA/ MOUNTAIN models):

 14 mm open-ended spanner

Dismounting the front wheel:

First loosen the V-Brake's cable clamp to release the pads and enable removal of the wheel. Unscrew the cap nuts on each side and remove the washers.

Raise the bike and tap lightly on the top of the tyre to remove the wheel.

Mounting the front wheel:

Reposition the washers on the wheel axle. Raise the bike and insert the wheel axle into the base of the opening of the fork ends.


Check the position of the washers as well as the centring of the wheel. Screw on the wheel nuts. Alternately and progressively tighten the wheel nuts on each side (max. tightening torque 25 Nm). If the wheel is not centred, loosen the nuts and perform the operation again.

△ DO NOT ADJUST THE LOCKNUTS, YOU MAY DAMAGE THE BEARINGS.

Adjust your brake again (see section 2.2.1).

2.3.2 Rear wheel: Specialist only (NOVA/ MOUNTAIN models):

△ THIS OPERATION SHOULD BE CARRIED OUT BY A PROFESSIONAL; HOWEVER, HERE IS THE PROCEDURE TO FOLLOW

 Tool required: 18 mm open-ended spanner.

Dismounting the rear wheel:

Disconnect the motor (the connector is situated on the right side of the e-bike on the lower horizontal section of the frame).



Cut the Colson cable tie attaching the motor cable to the frame. Remove the right and left wheel nut covers. Loosen the nuts. Remove the nuts and the wheel axle washers. Loosen the V-Brake's cable clamp to release the pads and enable removal of the wheel.

Remove the chain from the wheel sprocket, while paying attention to how the chain swings.

Move the wheel forward to remove it from the frame and remove the chain from the wheel axle.

Mounting the rear wheel:

Take the wheel and place the chain on the small sprocket on the right-hand side, then place the wheel between the brake pads.

Insert the wheel axle backward into the housing on the left and right of the frame. Attach the washers and the wheel nuts. Tighten the nuts by hand initially, until they make contact with the frame.

Centre the wheel in line with the frame and the mudguard. Check the centring and positioning in line with the front wheel, as well as the positioning of the chain.

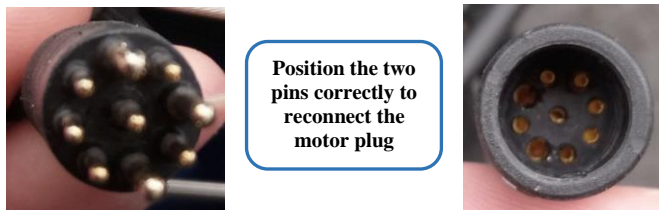
Screw on the wheel nuts on both sides without tightening them. Check the positioning, centring and position of the chain again.

Alternately and progressively tighten the wheel nuts on each side (max. tightening torque 25 Nm)

Replace the nut covers.

Reconnect the motor connection and replace the Colson cable tie on the frame.

NB: the connector is equipped with a keyed connection. Place the two pins so that they are facing each other (follow the arrows) to reconnect the motor correctly.



Adjust the brake pads (see section 2.2.1).

2.3.3 **Front wheel (NOVA Trekking/ MOUNTAIN Trekking models):**

Dismounting the front wheel:

- First, you must loosen the wheel fastenings.
- Once this has been done, slide the wheel forward to remove it.
- Insert a piece of plastic in the calliper (between the two pads).

Mounting the front wheel:

- Carry out the dismounting operations in inverse order. Check the tightness of the wheel attachment and its alignment.
- Once the wheel is in place, operate the brake handle 3-4 times. This allows the pads to settle correctly.
- Check that the brake disc is properly centred and rotates without friction.
- Finally, check that the wheel brakes are working properly.

2.3.4 **Rear wheel (NOVA Trekking/ MOUNTAIN Trekking models):**

△ THIS OPERATION SHOULD BE CARRIED OUT BY A PROFESSIONAL; HOWEVER, HERE IS THE PROCEDURE TO FOLLOW

✂ Tool required: 18 mm open-ended spanner.

Dismounting the rear wheel:

Disconnect the motor (the connector is situated on the right side of the e-bike on the lower horizontal section of the frame). Cut the Colson cable tie attaching the motor cable to the frame if necessary (see photo of 2.3.2).

Remove the right and left wheel nut covers. Loosen the nuts. Remove the nuts and the wheel axle washers. Move the wheel forward to remove it from the frame and remove the chain from the wheel axle. Insert a piece of plastic in the calliper (between the two pads).

Mounting the rear wheel:

Remove the piece of plastic from the calliper.

Take the wheel and place the chain on the small sprocket on the right-hand side, then place the wheel between the brake pads.

Insert the wheel axle backward into the housing on the left and right of the frame. Attach the washers and the wheel nuts. Tighten the nuts by hand initially, until they make contact with the frame.

Checking the wheel alignment:

- Centre the wheel in relation to the frame.
- Check the centring and positioning in line with the front wheel, as well as the positioning of the chain.
- Screw on the wheel nuts on both sides without tightening them.
- Check the positioning, centring and position of the chain again.

Checking the brake adjustment:

- Operate the brake handle 3-4 times. This allows the pads to settle correctly.
- Check that the brake disc is properly centred and rotates without friction.
- Finally, check that the wheel brakes are working properly.

Alternately and progressively tighten the wheel nuts on each side (max. tightening torque 25 Nm)
Replace the nut covers.

Reconnect the motor and replace the Colson cable tie on the frame (if necessary see photo **cf 2.3.2**).

2.4 Lighting:

Your bike is equipped with:

- ❖ **Fixed front and rear lighting.** The front and rear lights are powered by the battery. The lights are activated by pressing the **UP** and **MODE** buttons on the control pad simultaneously.



△ ALWAYS KEEP YOUR LIGHTS CLEAN AND IN GOOD CONDITION.

△ LIGHTS ARE OBLIGATORY AT NIGHT.



Front light



Rear light

3 - USING THE E-BIKE:

3.1 Indexed gearshifter:

NOVA et MOUNTAIN models:

Your gearshift is composed of a derailleur and 7 sprockets.

- ❖ 1 sprocket with 14 teeth (large development), which allows you, in easy conditions (light descent, flat), to increase your speed;
- ❖ 3 intermediate sprockets with 16, 18, and 21 teeth to use under normal conditions;
- ❖ 3 sprockets (small development) with 22, 24, and 28 teeth for difficult hills and starts.

The (indexed) gear selector is located next to the right handle on the handlebars. Activate it by choosing one of the 7 preset positions. With the handle, you can choose one of 7 gears.



(NOVA Trekking/ MOUNTAIN Trekking models):

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- ❖ 3 intermediate sprockets with 16, 18, and 21 teeth to use under normal conditions;
- ❖ 3 sprockets (small development) with 22, 24, and 28 teeth for difficult hills and starts.

There is also a derailleur and 3 front chainrings with 22, 32, and 42 teeth respectively (and 22, 34 and 44 teeth for the Montana Trekking model).

The (indexed) gear selectors are located on the handlebars: on the right-hand side for the rear derailleur and on the left-hand side for the front derailleur.



3.2 Electronic gear shifting:

Your bike is equipped with 6 levels of assistance:

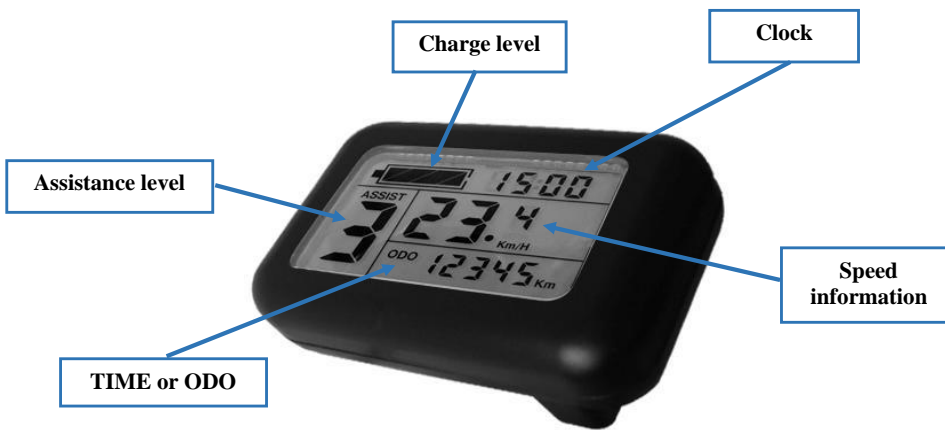
1. **Position 0** = No assistance.
2. **Positions 1 and 2** = economic. In these positions, your e-bike will consume less energy, but the power may not be enough to tackle an incline.
3. **Positions 3 and 4** = medium assistance.
4. **Position 5** = maximum power. On this position, your e-bike provides you with the most assistance but also consumes the most energy.

To scroll through the assistance levels, press the UP and DOWN buttons.

The power selector is located close to the left handle on the handlebar.

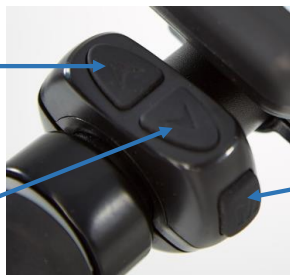
Commenté [JW1]: Ce mot "veleix" n'est pas dans le français...

3.3 Display and controls:



UP Arrow
Increases assistance level

DOWN Arrow
Decreases assistance level



MODE Button
Turns system on and off
(Press for 3 secs)



Start-up aid 6 km/h: Pressing and holding the **DOWN** button (located under the control) will initiate a 6 km/h start-up, which enables the e-bike to start without pedalling up to the speed of 6 km/h.

Speed information: Pressing and holding the **UP** button allows you to select the desired speed information: instantaneous, average (avg) or maximum (max).

Night mode: Pressing and holding the **UP and MODE** buttons simultaneously will switch the backlighting on the display on and off.

Switching from ODO info to TIME info: One quick press on the **MODE** button allows you to switch between the two. ODO shows the total number of kilometres travelled since the bike was first used. TRIP shows the number of kilometres travelled on your current journey.

Setting the clock: After selecting the **ODO** mode, press and hold **Down and MODE** simultaneously until you are able to access the clock settings.

Set the hour using the **UP and DOWN** buttons.

Press briefly on the **MODE** button to move to the minutes setting.

Set the minutes using the **UP and DOWN** buttons.

Press and hold the **MODE** button to accept your changes and return to normal mode.

Reset trip information (km travelled, average speed, maximum speed): After selecting the **TIME** mode, press and hold **Down and MODE** simultaneously to reset the trip data to zero.

3.4 Electric assistance:

3.4.1 Operation:

Your bicycle is electrically assisted: it is equipped with an electric motor, which is located on the rear wheel. This motor starts automatically (if the ignition is on and the battery is charged) when and only when you are pedalling (with the exception of the 6 km/h button).

Power assistance is initiated by an electromagnetic detector, which cuts off the motor's power supply as soon as you stop pedalling.

The motor also stops:

- When you activate one of the two brakes;
- When you have reached the speed limit of 25 km/h.

This principle enables the motor to give you its full power when you need it and to save battery power when you are descending or on flat ground.

This type of energy management gives you a longer battery life per charge. These functions and the energy management are carried out by an electronic control unit or "controller".

△ We would like you to note that activation or deactivation of power assistance may lead to abrupt acceleration or deceleration.

3.4.2 Performance:

The power-assisted speed of your e-bike is limited to 25 km/h. At this speed the motor's power supply is automatically cut off.

The battery life per charge of your bike depends on several factors:

❖ **Weight transported:**

The expected performance of your bike is based on an average load of 75 kg.

❖ **External temperature:**

The expected performance of your bike is based on an external temperature of roughly 20°C. Performance decreases below this temperature, but is only really discernible below 5°C.

❖ **Battery wear:**

Your battery is designed to deliver stable performance for 750 charge/discharge cycles (or an average use of 3 years). The battery will still be operational after those 750 cycles but its performance and therefore range per charge will decrease proportionally.

❖ **But the battery life per charge mainly depends on how you use the bike:**

The theoretical battery life per charge is based on almost continuous use of the motor over flat or slightly undulating ground (10 to 20% slopes). If your travel is on flat ground and includes a number of descents (even if slight), your battery life is increased. If you are ascending inclines of more than 5% (the motor "struggles" above a grade of 8%), your battery life will diminish proportionally.

3.4.3 Technical specifications of the power-assistance system:

Motor: Brushless type – 250 watts

Battery: 36-V lithium ion cell – 480 Wh (13Ah) or 630 Wh (17Ah)

Life cycle: 750 complete charge/discharge cycles under normal load conditions.

Battery life per charge: 70 to 80 km and 90 to 110 km

(for a user weighing 75 kg at a speed of 18 km/h on a journey in Eco mode).

3.4.4 The electric motor:

Located in the hub of the rear wheel, is a 250-watt BRUSHLESS electric motor. It requires no maintenance on your part and has the benefit of a two-year manufacturer's warranty. After 3 years or 25,000 kilometres, we advise you to get it checked by an authorised dealer or specialist. Although it is designed to resist water, we **do not recommend** cleaning it with a high-pressure jet.



Electric motor

4 - CHARGING THE BATTERY:

4.1 NEOMOUV Lithium Ion 36 volt charger



CHARGER FEATURES

36-volt model	JLCO84V42M
Smart charger for a Lithium Ion battery	
Voltage	AC100V-240V
Frequency	47-63 Hz
Charging voltage (load)	42 V +/- 0.2 V
Output current	2.0 A
LED power indicator: red	Charging
LED charge indicator: green	Charged or disconnected from the battery
Efficiency (at full load)	100 %
Operating temperature range	Between 10° C and 35° C
Humidity	<+ 90 %
Safety standard	EN60335 -1- A2 -2006
Weight	460 g
Dimensions	165x73x47 mm

The charger that comes with your bike is compliant with CE manufacturing standards, and with the IEC/EN 60335-1 environmental protection standards. It has been specially designed to recharge the battery of your electric bike. It will fully recharge your battery in 4 to 6 hours dependent on the ambient temperature and wear of the battery. This charging time, referred to as "slow", is deliberate in order to preserve the life of your battery.

It is easy to operate: plug the charger's output jack into your battery's socket, then plug it into the mains.

Your charger has a charging LED that shows the battery charge level. It is red when the battery is charging and changes to green once the battery had been charged.

4.1.1 Precautions (safety instructions):

- Do not connect the charger plug to the mains with wet hands (risk of electrocution).
- All charging must be carried out in a ventilated area.
- Always check that the charger is compatible with the local power supply.
- Do not place the apparatus in a damp environment or near a flammable or explosive substance while it is charging (any charge producing heat involves the risk of fire or explosion).
- Do not store the apparatus when hot.
- Do not charge a faulty or worn-out battery.
- Do not leave a plugged-in charger and its connections within the reach of children.
- Do not attempt to disassemble the charger.

4.1.2 Protecting the charger:

- Do not expose the charger to rain.
- Do not leave the charger disconnected from the power supply (220 volts) but plugged into the battery.
- Do not submerge it.
- Do not place any objects on the charger or cover it.
- Look after the charger's input and output cables.
- To protect the charger after a long charging period (more than 24 hours), disconnect the electrical connection and let the device rest in a dry and ventilated space.
- Avoid leaving the charger connected to the mains for more than 24 hours.

△ WARNING! FOR YOUR SAFETY, OPENING THE CHARGER IS PROHIBITED (RISK OF ELECTRIC SHOCK – HIGH VOLTAGE). CONTACT YOUR DEALER SHOULD ANY FAULTS OCCUR WITH YOUR CHARGER.

△ FOR YOUR SAFETY, ALSO LOOK AT THE PICTOGRAMS ON THE BACK OF THE CHARGER.

- 1) Compliance with CR standards
- 2) Double insulation
- 3) Do not throw out with household waste
- 4) Comply with the polarity



4.2 The battery:

Your battery has a serial number. This can be found underneath the battery.



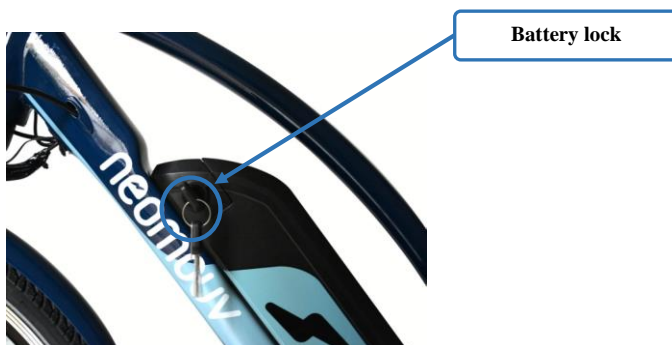
Serial number



Warranty label

Your battery is assembled in a special container. We strongly recommend that you do not attempt to open or disassemble it. **Any breaking of the warranty label will automatically render the warranty null and void.**

To remove the battery from its housing, you must open the lock using the key and push the battery to the right of the bike.



To put the battery back, you must first position the base correctly and then rock the battery back into its housing.

You can charge your battery while it is on the bike or remove it from its holder and then charge it always using the plug located at the back of it.

For safe charging, first connect the charger to the battery and then connect the charger's standard plug to the mains (220V/50 Hz).

Check that the charger is working correctly (see section 4.1).

Recommendations / precautions to take with your battery:

- Avoid any proximity to sources of heat.
- Avoid any short circuits on the motor's charging and plug connections.
- Only use the battery for its intended purpose.
- Do not expose the battery to temperatures higher than 40°C and lower than -20° C.
- Never drop the battery; put it in a stable place.
- Warning! There is a risk of short circuiting and overheating in the event of any impact on batteries that are particularly fragile.
- Always check that the charger is compatible with the local power supply.
- When charging is finished, it is recommended that you disconnect the charger from the battery.
- **During periods when the bike is not in use, store the battery in a cool, dry place at a temperature above 10° C and lower than 40° C.**
- **Never leave your battery completely discharged for longer than 3 days, as this may damage it.**
- **In case of prolonged non-use, you must recharge the battery once every two months.**
- Never leave the battery exposed to the sun for long periods of time.
- Never let a child play with or handle the battery.
- Never charge the battery in the rain or in damp surroundings.
- Never open the battery. Opening it may lead to a significant risk of electrocution and void the warranty.
- Never spray the battery directly with water or any other liquid.
- Never submerge the battery.
- Only use the charger provided to charge your battery. Using any other charger that is not adapted for the battery may result in an accident.

△ WARNING! IN CASE OF VERY INFREQUENT USE OF THE BATTERY (ONCE EVERY 2 MONTHS ONLY), THE BATTERY'S CAPACITY WILL DIMINISH MUCH MORE RAPIDLY THAN WITH REGULAR USE. THE BATTERY'S ENERGY COMES FROM A CHEMICAL REACTION THAT REQUIRES SUFFICIENTLY REGULAR ACTIVATION TO MAINTAIN ITS EFFECTIVENESS.

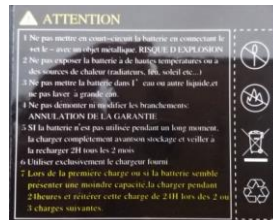
△ WARNING! YOU MUST NOT THROW YOUR BATTERY OR CHARGER OUT WITH YOUR HOUSEHOLD WASTE. A SELECTIVE COLLECTION SYSTEM FOR THIS TYPE OF PRODUCT HAS BEEN SET UP IN MOST TOWNS: YOU CAN CONTACT YOUR LOCAL COUNCIL FOR FURTHER INFORMATION. ELECTRICAL AND ELECTRONIC PRODUCTS CONTAIN TOXIC SUBSTANCES THAT ARE HARMFUL TO THE ENVIRONMENT AND HUMAN HEALTH AND THEREFORE MUST BE RECYCLED.

Your battery is recyclable after use. Return it to your dealer.

Also read carefully the indications listed on the battery:

The battery provided with your e-bike conforms with:

- Standards EN61000-6-1 et EN61000-6-3;
- Directive UN38.3 on the transport of dangerous goods;
- Directive 2006/66/EC.



5 - TIPS FOR INCREASING THE BATTERY LIFE PER CHARGE:

Depending on the battery in your e-bike, the battery-life range is 70 to 80 km (13Ah battery) or 90 to 110 km (17Ah battery) for a user of 75 kg at an average speed of 18 km/h on a journey in Eco mode.

In order to conserve your battery's energy and thus increase the range of your bike, we would like to offer you a few tips.

- **At start-up:** set power assistance to position 1 and choose a medium development on the derailleur. If your route is uphill, position the derailleur on the small development and use the 6 km/h position.
- **In traffic jams:** set power assistance to position 1 and your derailleur to small or medium development according to the frequency of the stops you will have to make.
- **Hill start:** before you stop, set your derailleur to small development, and set the power assistance according to the incline.
- **Climbing a tougher hill:** if you are climbing a hill and the speed reduces too much, you can opt for more powerful assistance. You will then feel the power assistance increase. If this is insufficient, set your derailleur to the small development (your energy consumption will be greater and your battery range will be reduced).
- **Route without stops:** if your route has no obstacles (no traffic lights, traffic jams or rough roads), you can set your bike to cruising speed. Pick your assistance level and set the derailleur to the large development. This will allow you to go faster while saving energy.
- **Descending:** you stop pedalling (freewheeling) or you pedal normally but without effort while adapting your speed selection and you let yourself move steadily.
- **To prolong battery power:** start up in position 1. Once your bike has started, set your assistance level and set the derailleur to the large development. Maintain a constant speed. Your battery charge will last longer.

6 - UPKEEP AND MAINTENANCE:

6.1 Upkeep:

To keep your bike in good working order, maintain it regularly:

- Replace the brake pads as soon as they become worn.
- Clean your bike regularly with a sponge and soapy water.
- Do not use detergent or petrol, or a high-pressure jet spray.
- Clean and lubricate the bearings every 6 months.

When you are cleaning your bike, take particular care:

To clean, rinse, and dry the different parts of the bike, and wipe off any standing water to avoid the risk of early corrosion.

6.2 Lubrication:

Lubricate lightly and regularly (about once a month):

- The chain
- The brake cables
- The shafts of the brake systems

6.3 Maintenance:

Like any mechanical component, a bicycle is also subject to stress and wear. Different materials and components may react differently to wear or erosion.

If the lifespan of a component has been exceeded, it may break suddenly, potentially causing injury to the rider. Cracks, scratches, and discolouration in areas that are subjected to high stress indicate that the component has exceeded its lifespan and should be replaced.

△ DO NOT USE LUBRICANTS ON THE SURFACE OF THE WHEEL RIMS OR ON THE TYRES, OR ON THE FRONT AND REAR BRAKE SHOES.

△ **CHECK THE CONDITION AND CORRECT FUNCTIONING OF THE SIGNALLING DEVICES (E.G., BULBS, ETC.), AND CLEAN THEM IF NECESSARY WITH A DRY CLOTH.**

7 - SAFETY – RECOMMENDATIONS:

Regularly check the following points:

- The tightness of the wheel nuts (25 Nm for the front, 25 NM for the rear).
- Tyre wear (replace the tyre as soon as the wear indicator has been reached) and adjust the pressure to between 60 and 65 psi (2.8 to 4.5 bars). Your bicycle's tyres are compatible with the rim base, so no modifications must be made to these. Only the appropriate spare parts (tyres, inner tubes, brake friction elements, etc.) are to be used. Contact your dealer for more information.
- Check the tightness of the handlebars (6 Nm), pedals (20 Nm), and saddle (6 Nm).

Because of its weight and motor inertia, allow ample distance for braking your e-bike, especially in wet weather.

Your e-bike is adapted for use in cities and on road trips.

On public roads, everybody who rides a bike must respect and apply the provisions of the highway code of the country they are in as well as the legal requirements for this type of transport. (e.g., lights, signalling, wearing a helmet (recommended), reflective devices, etc.).

For the safe use of your bike, we recommend periodically checking and inspecting: the brakes (wear of the pads), the condition of the wheel rims and spokes (wear of the wheel rims and spokes), the condition of the tyres, the steering (fastenings, tightness of the wheel nuts) and all other parts specific to your vehicle. The wheel rims must be smooth, without any cracks, breakage, or deformities. If you notice any anomaly with the wheel rims, please get them checked immediately.

WARNING! Like any mechanical component, a bicycle is also subject to high levels of stress and wear. Different materials and components may react differently to wear or erosion. If the predicted lifespan of a component has been exceeded, it may break suddenly, potentially causing injury to the rider. Cracks, scratches, and discolouration in areas that are subjected to high stress indicate that the component has exceeded its lifespan and should be replaced.

For your safety, it is equally important to replace any critical components that are presenting with signs of wear or any other problem (e.g. tyres, wheel rims, etc.) with original parts. Contact your dealer.

△ DO NOT SIT ON THE BIKE WHEN IT IS ON ITS STAND, AS THERE IS A RISK THAT IT MAY BREAK AND YOU COULD HAVE AN ABRUPT FALL.

Stay alert; do not spend too much time looking at the bike's display while you are driving.
For your safety, it is recommended to routinely have the bike lights on.

We strongly recommend that you wear a helmet.

Wearing a high-visibility vest is mandatory when riding in traffic at night, or on days when the visibility is poor.

8 - TECHNICAL DATA

FITTINGS

MAX. TIGHTENING TORQUE

Pedal axle	40
Pedals	20
Front wheel axle	25
Rear wheel axle	25
Seatpost	6
Stem and handlebar	6
Saddle angle	13

CHARACTERISTICS

MODEL

NOVA/NOVA T/MOUNTAIN /MOUNTAIN T

Distance between the wheels	1200 mm
Total weight (battery included)	21kg/23kg/23.5kg/24kg
Maximum load allowed	120 kg
Maximum speed in assistance mode	25 km/h
Battery life	70 to 80 km for 480 Wh 90 to 110km for 630 Wh (for a user weighing 75 kg and riding at an average speed of 18 km/h in Eco mode)
Battery	Lithium Ion 750 cycles
Voltage	36 V
Motor:	Brushless
Nominal yield	250 watts
Charger voltage	42 V
Tyre dimensions	28' (700*35C)
Tyre pressure	2 and 3 bars
SHIMANO derailleur	(indexed control)
Development (number of teeth on the sprockets)	14, 16, 18, 20, 22, 24, 28
Triple chainring	22x32x44 (MountainT) and 22x32x42 (Nova T)

9 - DECLARATION OF CE CONFORMITY

Available on our website, under "Downloads"

10 - CERTIFICATE OF CONFORMITY

Available on our website, under "Downloads"

11 - TERMS OF WARRANTY

Keep your receipt as it is your proof of purchase.

Keep the original of your warranty certificate that has been duly completed, signed and stamped by the dealer.

In the event of a complaint, the buyer must return the bike in its entirety (keys, battery, charger) to the shop where it was purchased, along with the aforementioned certificate.

Repairs can only be made at the point of sale where you purchased your e-bike or by an authorised agent (contact us at the address below for a list). Failure to respect these terms or modification of the technical specifications will automatically void the warranty.

The warranty will be declined if damage is due:

- To a lack of upkeep, or faulty or incomplete assembly;
- To abnormal use (carrying a passenger, overloading, jumps) even if fleetingly;
- To poor adjustments by the user.

The warranty does not include normal wear and tear to parts such as: brake pads, cables, chain, bulbs, tyres, inner tubes, etc. The warranty is not valid for use in competition.

Length of warranty:

- 5 years for the frame
- 2 years for the other parts
- 2 years for the battery

Any periods of immobilisation lasting longer than 7 days during the warranty period will extend the warranty by the duration of this period of immobilisation. The warranty does not entitle you to any compensation in cash or kind for the immobilisation of the bike during the warranty period.

Moreover, you will also benefit from the legal guarantee, in accordance with the provisions of the civil code.

The warranty and after-sales service are provided by the point of sale at which the bike was purchased. They can also provide you with any information you may need on the use and maintenance of your bike.

The warranty does not cover damage due to misuse, failure to respect safe practices, or accidents, nor does it cover improper or commercial use of the bike.

This bike is for personal and non-professional use only.

Each electronic component is completely sealed. Opening one of these components (battery, screen, motor, controller, etc.) may affect the physical integrity of the individual or the system. Opening or modifying one of the components will void the bike's warranty.

The warranty does not cover parts that are cracked or broken or show traces of visible impact

WARNING! Do not confuse maintenance and warranty. Maintenance overhauls and adjustments cannot be carried out for free under warranty.

Fill out your [CERTIFICATE OF WARRANTY ON OUR WEBSITE](http://www.neomouv.fr) www.neomouv.fr



SAS NEOMOUV
ZI Ouest - Allée des quatre Journaux
72200 LA FLECHE
contact@neomouv.fr

SAS with capital of 1 200 000- RCS Le Mans 518 158 183
SIRET 518 158 183 00013 – APE 4649Z – TVA INT FR 91 518158183

NOVA – NOVA TREKKING – MOUNTAIN – MOUNTAIN TREKKING Manual



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