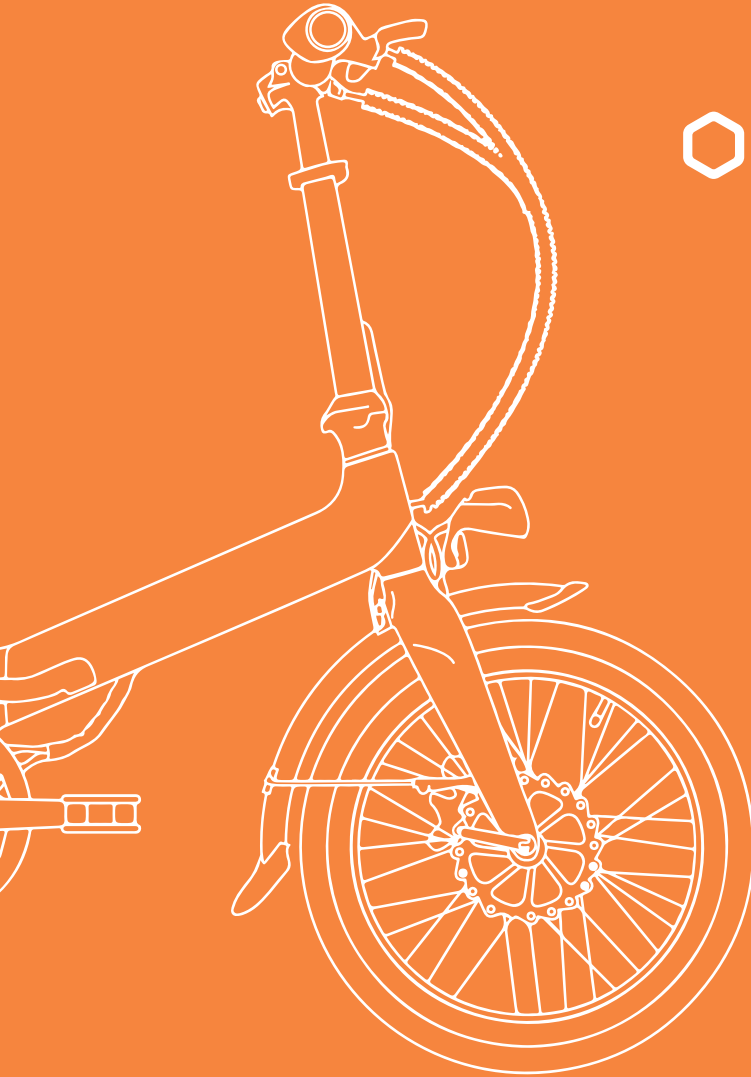




onemile



NOMAD  
**USER MANUAL**





**NOMAD**

**USER MANUAL**

{ THANK YOU }





Thank you for choosing **NOMAD as your travel partner.**  
**NOMAD is an electrically assisted folding bike**, ideal for urban commuting and perfectly suited to motorhomes and boats. This manual contains all the information you need to use and maintain your NOMAD. Please consult it before using your NOMAD for the first time.

**For NOMAD maintenance, please contact your dealer, who has the necessary skills and tools.**

**NOMAD** complies with European standard EN 15194.

## CONTENT:

- 1 Bike
- 1 Charger
- 1 User's Manual
- 1 tool set

# { SUMMARY }

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# CAUTIONS

**NOMAD** is almost fully assembled and thoroughly checked before shipping.

After opening the package, you only need to unfold the bike and perform the following checks:

Adjust handlebars to the desired angle: Open the quick-release lever at the center of the handlebar, adjust to the desired angle, and then close and lock the lever.

Battery: Insert the battery into the frame and connect it (refer to page 16), then adjust the seat height (refer to page 16).

Please check that the handlebar, stem, cranks, and wheels are properly installed before your first ride, as loose components may cause a loss of control.

For use on public roads, check that the front and rear lighting are in good working order as well as the presence of reflectors on the wheels.

Warning - Like all mechanical components, an electrically-assisted cycle wears out. The various materials and components may react to wear and fatigue. If a component's life has been exceeded, it may break suddenly, risking injury to the rider. The cracks, scratches and discoloration in high-stress areas subject to high stress indicate that the component has exceeded its service life and should be replaced.

## Wheels:

Check that both the front and rear wheels are tightened properly.

## Tires:

The Nomad is equipped with 20" x 2.25" tires and tubes.

Regularly check tire pressure, which should be set between 3 to 3.5 bar (43-50 psi).

Outside this pressure range, you risk a puncture due to pinching of the inner tube (too low pressure) or bursting and rim damage (too high pressure).

In addition, inflation pressure has a major impact on NOMAD's dynamic behavior and power consumption.



**NOMAD wheels and tires are only suitable for inner tubes.**

## Brakes:

**Make sure that the brakes are working properly.** Make sure that the brakes are working properly, and that the brake levers are properly attached to the handlebars. Brake first from the rear (right lever), then from the front (left lever). If the brakes are not used correctly, they can lock the wheels, causing loss of control and even a fall. Braking is controlled solely by modulating the pressure applied to the front and rear brake levers. The bike is not equipped with a brake modulator nor a back-pedal system.

In wet weather, braking distance may be extended.

**We recommend carrying out these safety checks every 200 to 300 km, or if the bike has not been used for more than 4 weeks.** In the event of loss of braking or brake fluid leakage, immediately stop using your NOMAD and contact your dealer for servicing. (mineral oil) or brake pad replacement. The handlebars can have a negative influence on the rider's response time during braking and cornering.

## Battery and its charger:

**Storage:** The battery is temperature sensitive. If NOMAD is not used for a long time, make sure to store the charged battery in a dry place at a moderate temperature.

**Battery capacity in cold weather:** Below 10°Celsius, the efficiency of the battery will decrease, which will affect the range of **NOMAD**. **This is a normal phenomenon and does not represent a malfunction of the battery.**

**Charging:** The **NOMAD** charger and battery heat up slightly while charging. In addition, the charger will emit a slight noise when powered on. If any of these components become overheated, immediately disconnect the charger and battery and contact your dealer.



**Under no circumstances try to open the battery!**



**Recycling: NOMAD's battery is recyclable.**  
**In case of disposal, contact your dealer or your waste treatment center.**

**Speed adjustment:** Adjustment: The SHIMANO Altus rear derailleur should be adjusted by your dealer. How to use: To shift from a smaller to a larger sprocket, push the lower shifter forward with your thumb until it clicks. To shift from a larger to a smaller sprocket, pull back the upper shifter lever with your index finger until it clicks.



### **Battery charging:**

Check if the battery is turned off (see page 13: "Activating/Deactivating the Battery") and connect the 3.5mm plug of the charger to the port above the battery power cable connection socket.

When the charger is turned on, the indicator light of the charger is **green**.

When connected to the battery, the charger indicator light turns **red**.

When the battery is fully charged, the indicator light will return to **green**.

The battery can be charged on or off the bike. In the latter case, unplug the blue port (see page 17: "Battery Cable Connection"), open the seat clamp and slide the battery off the frame.

**Malfunction:** If no indicator light appears, check the connection between the wall outlet and to the battery. If after checking, the charger still does not work, please contact your dealer. If your charger cord is damaged, stop using it immediately and replace it as soon as possible at your dealer's, **your safety is at stake.**

## FOR YOUR SAFETY:

**First, we recommend that you wear a helmet for safer use.**

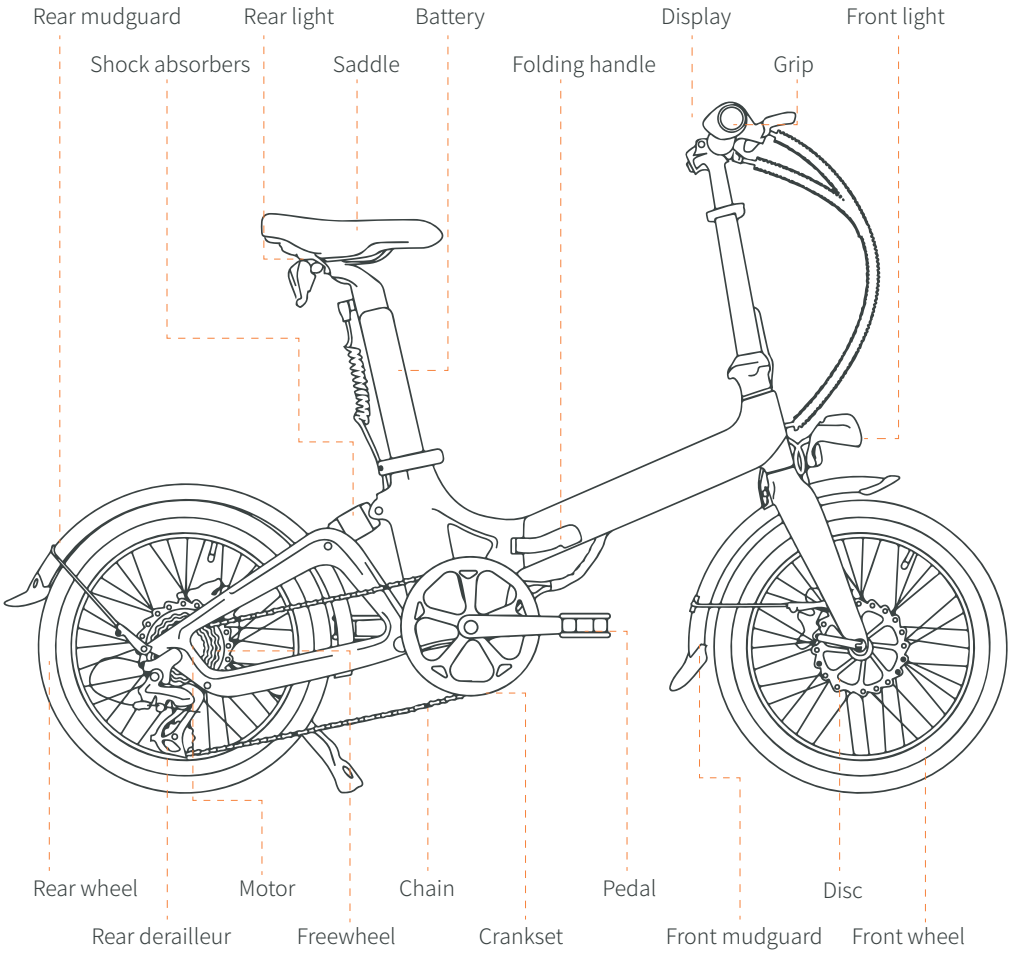
The user should gradually adapt to the assisted power. It is highly recommended that you use the new **NOMAD** on an open area and set the assistance level to "0". As you become accustomed to the bike, gradually increase the assistance level using the "+" button on the display. During operation, the motor will emit a slight noise, which is normal and may vary in intensity depending on the motor load.

**When walking or carrying the bike, please turn off the power to avoid accidental activation of the motor.**

# TECHNICAL DATA

Bike size	1630x625x1195mm
Folded bike size	920x450x800mm
Battery	36V 21700 14.4Ah
Charging time	5 hours
Motor power	250W
Controller	36V Sine Wave
Sensors	Torque Sensor
Charger	42V 2A
Range	Up to 120 Km(75 Miles)
Front light	OSRAM LED 110LUX
Rear light	Spanninga Vena XB
Wheels	KENDA 20*2.25
Chain	KMC
Derailleur	Shimano 7-speed
Brakes	Hydraulic disc brakes
Load capacity	110kg

# Product structure:



# HOW TO USE



## Folding:

To ease its transport, the Nomad can be folded within seconds. Follow these steps: Push the pedals inward and pull them up or down to complete the folding.



## Folding the handlebars:



Use the quick-release mechanism on the handlebar. Pull it upward to unlock and loosen for angle adjustment. Push it downward to secure and lock the handlebar.



Press the safety latch above the folding lever. Push it upward and then open the handlebar outward to unlock the folding stem.

After opening the seat tube clamp, insert the battery and close the clamp.



Lastly, open the frame folding mechanism and fold the bike frame.



## Unfolding:

Simply repeat the folding steps in reverse order.



**Please note: For safety reasons, ensure that you hear a distinct clicking sound when locking the various quick-release mechanisms (frame, risers, handlebar).**

## SADDLE AND HANDLEBAR HEIGHT ADJUSTMENT:

Unlock the saddle clamp by pulling its lever, then adjust the saddle height by pushing or pulling on the saddle.

Lock the saddle clamp lever once the saddle is adjusted.

For your safety, please observe the minimum/maximum insertion on the battery body.

For handlebars, unlock the clamp located in the middle of the steering column and adjust the height to your liking, then lock the lever.

Height in cm	Saddle height (scale)
161-165	180-190
166-170	150-180
171-174	120-150
175-180	60-90
185-189	30-60
190-194	0-30

## Battery On/Off:

**Battery Cable Connection:** To connect the cable, insert the blue plug into the battery port and rotate the knob until it clicks, indicating a correct connection. To disconnect the cable from the battery, rotate the blue plug counterclockwise a quarter turn and gently pull it out.



**Activate/deactivate battery:** to use **Nomad's** electrical assistance, you need to activate the battery. **Press the switch on the top of the seat post, the green LED lights up, the battery is activated.** After using **Nomad**, deactivate the battery by pressing the switch; the green light will go out.

## Transmission:

**NOMAD** is equipped with a reliable and smooth-running **Shimano Altus drivetrain**. Use the gear shifter to adjust the gears to match the terrain, which will help the motor operate at its highest efficiency and preserve the **battery life**.

**Shimano 7-Speed Shifter:** Press the lower button to move the chain to a smaller gear and press the upper lever to move the chain to a larger gear.

## Display function:



1		Instrument power on/off	9		Normal headlight
		Front headlight on/off	10		Speed display
2		power-assist mode up button	11		USB Type C
3		power-assist mode down button	12		Voltage
4		Walk assist mode	13		Riding time
5		Function setting button	14		Single trip mileage
6		Battery level	15		Total mileage
7		Light sensing mode	16		power-assist mode engaged
8		Automatic headlight			

## 1. Display start-up:

When the display is turned off, press the power button briefly to turn on the instrument and display the startup logo screen, then enter the basic functions screen and start working; in the on state, long press the power button to turn off the instrument (the display will automatically sleep after 5 minutes of inactivity).

## 2.Front headlight on:

Press the power button briefly to turn on the front light, and the instrument interface displays the light-on icon to indicate the light-on state. The instrument displays normal functional status. Press the power button again to turn off the front light.

## 3.Power-assist mode:


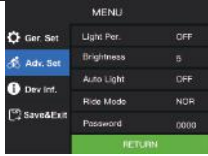


When the bike is turn on, press the + and - button briefly to switch the power-assist mode. You can adjustable the power-assist mode from 0 up to 5.

## 4.Walk assist mode:

In the case where the mode engaged is not 0, long press the - key to enter the walk-assist mode.

## 5.Basic setting function:

- After startup, long press the SET button to enter the first-level setting interface (Ger Set cannot be modified).
- Press the + and - button briefly to select the setting item icon, and press SET to switch to the advanced setting interface “User Set”. The parameter explanation for each function under the advanced setting function interface is as follows:

Set items	Screen Content	Setting parameter	Parameter values	Remarks
Light Per.		Photo Sensor Switch	Parameter values: ON OFF	Default: OFF Automatic control of backlight brightness and headlight switch
Brightness		Adjust the backlight brightness	0-5 adjustable Automatic mode requires turning on the headlight mode first.	Default: 5 In AUTO mode The standard setting is to turn on the light sense 1-5 according to the headlights.
Headlight switch automatic setting		Light sensitivity level (depending on environment) 1 is the darkest, 5 is the brightest	Parameter value is 1-5, or OFF	Or when OFF light sensing mode is turned on, settings 1-5 are valid. L1<100,L2<300,L3<800 L4<3000,L5>3000 (unit: LUX)
Password		Set Password		the startup password is set to any non-zero value is enabled. set to 0000 is disabled

## 6. Battery display and corresponding power assist output:

The instrument can display the corresponding number of battery bars based on the received battery information, or estimate the battery level based on voltage and display the corresponding number of battery bars.

## 7. Light-sensing mode:

When the light-sensing mode is enabled in the advanced settings and the headlight control is set with light-sensing brightness levels, the display automatically controls the headlight switch based on the external brightness compared to the set light-sensing brightness level.

## 8. Speed display:

Displays the current riding speed.

## 9. USB function:

Long press the + key for 2 seconds in the basic functions screen to enable the USB function, and the instrument displays the USB activation icon.

## 10. Voltage:

Displays the status of battery power output.

## 11. Riding time:

Displays the current riding time.

## 12. Single trip mileage:

Displays the distance covered in the current trip (automatically reset to zero when the instrument is turned off).

## 13. Total mileage:

Displays the total distance covered.

**NOMAD's** components have been selected to guarantee an excellent riding experience every time. **NOMAD** will provide you with the best experience, but it requires careful maintenance from the user.

## PRECAUTIONS SPECIFIC TO ELECTRIC CYCLES:

- Always remove the battery during maintenance
- Avoid overexposure to water of electronic components such as control screen, motor, and cables connectors



## Routine maintenance:

### To do regular inspection on:

- The condition of your tires (pressure, wear).
- Brake operation and pad condition.
- Tightening of handlebars, frame lock, seat clamp and steering.
- Lighting operation.
- The tightness of your wheels and the condition of your rims.
- The condition of your drivetrain: keep it clean and lubricate the chain with a suitable product.

High-pressure washing is not recommended. Its power could damage certain electronic and mechanical parts, such as bearings, by introducing water.



**Do not use spray lubricants! There is a higher risk of contaminating the brake pads, so they should be replaced. Please contact your dealer for appropriate lubricant recommendations.**

**Do not tow a trailer with the Nomad.**

## NOMAD Service:

Please have your dealer perform an annual maintenance service to ensure that your **NOMAD** is in good working condition and to replace worn-out components such as tires, brake pads, bearings, and transmission components.

## Torque setting for NOMAD:

Components	Tightening torque in Nm
Brake levers	6-8 Nm
Saddle	13-15 Nm
Shock absorber axles	13-15 Nm
Stem	8-10 Nm
Brake calipers	10-12 Nm
Kickstand	10-12 Nm
Rear wheel axle	20-25 Nm
Bottom bracket axle	25-30 Nm
Luggage rack	13-15 Nm

## Warranty:

Onemile provides a parts and labor warranty covering the frame, fork, and original components of each new Onemile bicycle to the original purchaser, applicable only for the following periods:

### **Electrical components have a 2 years warranty period:**

- Motor
- Battery
- Electric wiring
- Display and buttons

### **Other components also have a 2 years warranty period:**

- Rear derailleur (excluding pulley wheels) and derailleur lever
- Brake calipers
- Cockpit elements excluding handles
- Saddle
- Wheel excluding tires and inner tube
- Shock absorber

The frame and fork have a 3 years warranty period, applicable under the following conditions:

Maximum authorized load weight (rider + luggage) is 110 kg.

The frame and fork of NOMAD are covered by a limited warranty against manufacturing defects that may cause failures, excluding paint damage or failures due to improper use of NOMAD.

## Limited Remedy:

Unless otherwise specified, the sole remedy for the above warranty or any implied warranties is limited to the replacement of defective parts with parts of equal or greater value, at the sole discretion of Onemile. This warranty is effective from the date of purchase and applies only to the original owner and is transferable two years after the date of purchase. Onemile disclaims any responsibility for direct, indirect, or consequential damages, including but not limited to personal injury, property damage, and economic loss, whether such liability is based on contract, warranty, negligence, product liability, or any other basis.

Onemile does not provide any other express or implied warranties. All implied warranties, including warranties of merchantability and fitness for a particular purpose, are limited in duration to the term of the above express warranties.

All warranty claims must be made through an authorized Onemile dealer or distributor, and proof of purchase or other evidence of purchase date must be provided prior to processing warranty claims.

Any falsification of documents will result in refusal of cover.

Warranty claims made outside the purchasing country may be subject to additional fees and limitations, and the duration and details of the warranty may vary depending on the purchasing region or country. This warranty gives you specific legal rights, and you may also have other rights which vary by country. This warranty does not affect your statutory rights.

## Warranty exclusions :

Normal wear and tear of tires, chains, brake pads, and bearings (steering, wheels, bottom bracket), as well as parts such as sliding bearings, cables, and gears.

- Vehicles maintained by repair shops other than authorized Onemile dealers.
- Parts or vehicles that have been modified without authorization.
- Use of the bicycle for abnormal activities, racing, commercial purposes, or any other purposes not in line with the intended design of the bicycle.
- Damage caused by failure to comply with the user manual.
- Damage to paint and decorations caused by participation in races, jumping, descending, exposure to severe weather, or other conditions.
- Modification or polishing of the frame paint.
- Labor costs for replacing or changing parts.
- Battery consumption and performance changes, as well as capacity loss that does not constitute a substantial defect.

Unless otherwise specified in this warranty or subject to any additional warranties, Onemile, its employees, and agents shall not be liable for any loss or damage arising from the use of Onemile electric bicycles by users (including any incidental and indirect losses or damages caused by user negligence or fault).

Battery Warranty Limitations: The following situations are not covered by the warranty for the battery:

- Discoloration of the battery.
- Damage to the battery casing.
- Opening of the battery.

## Compliance:

Hybrid bicycles with a maximum electric assist speed of 25 km/h comply with the requirements of European Machinery Directive 2006/42/EC.

These bicycles also comply with the following standards:

-Electric bicycles: EN 15194

## Disclaimer:

We strongly recommend against modifying your bicycle. The term "modification" refers to the removal or replacement of any original equipment or alteration of your bicycle to change its design or operation. Such modifications can significantly affect the handling, stability, and other characteristics of the bicycle, making riding unsafe. These modifications may also cause your bicycle to no longer comply with applicable laws and regulations.

To ensure the safety, quality, and reliability of your bicycle, please only use original parts or parts approved by Onemile dealers for repairs and replacements. Onemile shall not be liable for any direct, incidental, or consequential damages, including but not limited to personal injury, property damage, or economic loss caused by modifications.

Technical specifications are subject to change without prior notice.

We further declare that the sound pressure level expressed in dB(A) at the driver's ear is less than 70 dB(A).

