

LANCIA e-bikes Electric Bike Range User Manual

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LANCIA e-bikes Electric Bike Range



Introduction

Instructions translated from the original Italian

Thank you for choosing this product. For information, technical support, assistance or to consult the general terms of the warranty, please contact your dealer or visit www.urbanchicemobility.it

Overview

This manual is an integral and essential part of the electrically power-assisted cycle (EPAC). Before using the bike for the first time, it is essential that users read, understand and strictly observe the requirements outlined below.

M.T. Distribution shall not be liable for any damages caused and is in no way responsible for damages caused to property or persons when:

- the item is used incorrectly or in a manner that does not comply with the instructions of the user guide;
- after the purchase, the item is modified or tampered with in all or some of its components.

In the interest of technological development, the manufacturer reserves the right to modify the product in question without prior notice and without automatically updating this manual. For further information and to consult any updated versions of the manual, please visit www.urbanchicemobility.it

Support Service

For any problem or request for clarification, please do not hesitate to contact the after-sales service team of your authorized dealer who has the expertise and specialist knowledge, and access to specific tools and original spare parts.

Legal note for use

Check and observe the highway code and local road regulations in force for cyclists on any restrictions for riders, who may use the product, and on the use of this type of product.

Symbols identifying the safety warnings

To identify the safety messages in the manual, the following warning symbols will be used which serve to draw the reader's/user's attention in order to ensure that the electrically power-assisted cycle is used correctly and safely.

CAUTION

Highlights the rules to follow to prevent damage to the electrically power-assisted cycle and/or prevent hazardous situations from arising.

DANGER

Residual risks

Highlights the presence of hazards that generate residual risks to which the user must pay attention to avoid injury or material damage.

Warnings on use and safety

General safety rules

Even if you are already familiar with the use of an electrically power-assisted cycle, the instructions given below must be followed and the general guidelines for operating a motorized vehicle must also be observed. It is important to take the time required to learn the basics of using the bike to avoid serious injury which could occur when first using it. Contact your dealer for advice on how to use the bike correctly or indications on contacting a suitable training organization. The company assumes no direct or indirect responsibility arising from misuse of the bike, failure to comply with both the highway code and the instructions in the manual, accidents or disputes caused by failure to comply with regulations or illegal actions. This product must be used for recreational purposes. It cannot be used by more than one person at a time and must not be used to transport passengers. Do not modify the intended use of the vehicle in any way. The item is not suitable for stunts, competitions, transporting objects, towing other vehicles or trailers.

The A-weighted emission sound pressure level at the rider's ear is less than 70 dB(A).

CAUTION

Using the electrically power-assisted cycle

All users must have read and understood the instructions and information outlined in the manual. If during assembly, any factory defects are detected, certain steps are unclear or issues with assembly or adjustments occur, do not ride the vehicle and contact your dealer or visit www.urbanchicemobility.it for technical support

Risks associated with using the electrically power-assisted cycle

Despite the application of safety devices, to ensure safe use of the electrically power-assisted cycle, all the safety provisions reported in this manual must be observed.

Always maintain concentration while riding and do not underestimate the residual risks connected with use of the electrically power-assisted cycle.

Responsibility

The rider is required to use the electrically power-assisted cycle with utmost diligence and in full compliance with the road regulations and all cycling rules in force in the country of use. It is important to bear in mind that when out in a public space or on the road, even when the instructions in the manual are observed to the letter, the rider is not immune to injury caused by infractions or inappropriate actions taken towards other vehicles, obstacles or persons. Misuse of the item or non-compliance with the instructions provided in this manual may cause severe injury. Riders must also ensure that the electrically power-assisted cycle is kept clean, in perfect working order and serviced. They must diligently carry out the safety checks which are their responsibility, as well as preserve all the documentation about product maintenance. Riders must carefully assess any weather conditions which could make it potentially dangerous to use the electrically power-assisted cycle. This product is a vehicle, therefore, the faster it goes, the longer the braking distance required. We, therefore, recommend moderating your speed and

maintaining an adequate braking distance if you are riding in adverse weather conditions and/or heavy traffic. The braking distance increases on wet, slippery, muddy or icy roads and the tyre grip decreases significantly with the risk of the wheels skidding and loss of balance compared to dry roads.

It is, therefore, essential to ride the bike with greater care, and maintain a suitable speed and safe distance from other vehicles or pedestrians. Take extra care when riding on unfamiliar roads. For your safety, we recommend wearing suitable protective equipment (helmet, knee, and elbow pads) to protect yourself from any falls or injuries while riding the bike. When allowing others to use the bike, ensure that the rider wears the safety equipment and explains how to operate the vehicle. To avoid injury, do not allow other persons to use the item if they do not know how to use it. Wear shoes before using the item. The bike has been designed to allow a load of maximum overall weight (rider and any load being carried) that does not exceed the value indicated in the product data-sheet. Avoid using the product, under all circumstances, if the total load transported exceeds the recommended weight to avoid the risk of damaging the integrity of the structural and electronic components of the bike. The electrically power-assisted cycle (EPAC), as specified in the provisions of the current reference standard EN 15194, is a means of transport intended to transport one person only. The transport of a passenger is only permitted within the framework of the regulations in force in the country where it is ridden regarding the minimum age of the rider, maximum age of the passenger transport, and provision of legally approved and authorized passenger transport devices. It is the user's responsibility to ascertain the suitability of the devices used for passenger transport in terms of construction characteristics, safety systems, anchoring systems and their installation and assembly on the electrically power-assisted cycle based on its structure and within the permitted load limits (maximum load supported by the bike and by the luggage rack supplied, if present). The user is also responsible for the provision and installation of devices used for the transport of objects and animals (e.g. luggage racks, luggage bags, storage baskets, etc.) in compliance with the legally approved and authorized provisions in the country of use and the limitations of the structure within the permitted load limits (maximum load supported by the bike and by the luggage rack supplied, if present).

CAUTION

The installation of accessories and equipment on the bike, not only affects the performance of the bike and how it is used but can also cause damage if they are unsuitable, thus compromising correct operation and safety conditions during use. For information on the supply and installation of equipment deemed suitable for the bike, please contact your authorized dealer or specialized operators.

Warnings for users

- The electrically power-assisted cycle can only be used by adults and skilled teenagers.
- Do not take alcohol or drugs before riding the electrically power-assisted cycle.
- This electrically power-assisted cycle model is designed and built for outdoor use on public roads or cycle tracks.
- Do not attempt to make the electrically power-assisted cycle exceed the performance levels for which it was designed; do not ride on surfaces with a slope greater than 10%, on uneven and rough ground (bumpy road surfaces, with potholes, depressions, obstacles).
- Never ride the electrically power-assisted cycle with any of its parts disassembled.
- Avoid uneven surfaces and obstacles.
- Ride with both hands on the handlebars.
- Before use, replace any worn and/or damaged parts and check that the safety devices are working properly.
- Keep children away from plastic items (including packaging materials) and small parts that may result in suffocation.
- Supervise children to make sure they do not play with the product.
- Remove any sharp edges caused by misuse, breakage or damage to the item.
- Pay particular attention when riding the bike near pedestrians and make sure you slow down and signal your

presence to avoid frightening them when arriving from behind.

- Assemble the item correctly.

How to use

- The electrically power-assisted cycle is a bicycle fitted with an auxiliary electric motor that is activated only when the pedals are turned.
- The motor does not, therefore, replace the work performed by your leg muscles, but assists them so they work less hard by enabling the electrical and electronic components supplied with the product, i.e. the battery, handlebar controls, sensors, and control electronics (control unit).
- More specifically, the electric motor is powered by a battery and operated by a unit that controls the delivery of power and additional thrust provided to assist the effort made by the rider's muscles when pedaling based on the real-time reading of values detected by a series of pedal-assist sensors (PAS). These sensors are positioned on the outside of the frame or inside the components and are based on the control parameters entered by the user via the handlebar controls (display).
- In accordance with the provisions of European Directive 2002/24/EC, the electric motor supplied with the electrically power-assisted cycle is only activated to assist the user when pedaling and will be disabled upon reaching a speed of 25 km/h.
- The electrically power-assisted cycle has been designed and manufactured to be ridden outdoors on public roads and cycling paths, on both tarmacked surfaces and/or ground that is suitable for the specific technical and structural features of the bike.
- Any changes to its construction may compromise the behavior, safety, and stability of the electrically power-assisted cycle and may cause an accident.
- Any other types of use, or any extensions of use beyond the one intended, do not correspond to the intended use attributed by the manufacturer and the latter, therefore, disclaims all liability for any resulting damage.
- The autonomy of the battery supplied with the electrically power-assisted cycle and, therefore, the relevant distance data estimated in km, may vary significantly depending on the specific mode of use (total load transported, how hard the rider pedals the bike, level of electric pedal assistance detected, how often the rider departs and restarts), the mechanical and electrical conditions of the product (tire pressure and wear battery efficiency level) and external influences (slopes and road surface, atmospheric conditions).
- Before each use, carefully check that the brakes are working correctly and are not worn; check the tire pressure, the wear of the wheels and battery charge status.
- Regularly check the tightness of the various elements secured by bolts. The nuts and all the other self-tightening parts can become loose so, these components need to be periodically checked and tightened.
- Like all mechanical components, the item is subject to wear and tear. Different materials and components may react to wear or stress fatigue in a variety of ways. If the useful life of a component is exceeded, it could break unexpectedly and injure the user. Any cracks, scratches or changes in color in areas subject to high levels of stress indicate that the life of the component has been reached and must be replaced.

Permitted speed

The maximum allowed legal speed is 25km/h. The control unit has been configured to prevent any change to the maximum speed permitted. Any changes to the control unit which have not been authorized by the manufacturer will exclude the latter from any liability related to injury caused to persons and/or damage to property and will invalidate the bike's warranty terms and conditions.

DANGER

Risk of injury

Ride at a speed and behave in keeping with your ability; never use the electrically power-assisted cycle over 25 km/h as this could cause serious damage and injury to yourself or other people.

CAUTION

Place of use

- The electrically power-assisted cycle can be used outdoors providing there are no adverse weather conditions (rain, hail, snow, strong wind, etc.).
- Maximum permissible temperature: +40°C
- Minimum permissible temperature: +0°C
- Maximum permissible humidity: 80%
- The environment of use must present a flat, compact, smooth asphalted surface, without any holes or dips, free of obstacles and oil stains.
- The place of use must also be well-lit by either natural or artificial light in order to ensure that the route and controls of the electrically power-assisted cycle can be viewed correctly (recommended lighting 300 to 500 lux).

Improper use and contraindications

The actions described below, which obviously cannot cover the entire range of potential possibilities of “poor use” of the electrically power-assisted cycle, are to be considered strictly prohibited.

DANGER

It is strictly prohibited to:

- Use the electrically power-assisted cycle for uses other than the ones for which it has been manufactured.
- Ride the electrically power-assisted cycle if the rider’s weight exceeds the permitted limit.
- Use the electrically power-assisted cycle under the influence of alcohol or drugs.
- Use the electrically power-assisted cycle in areas at a risk of fire, or explosions or in places with a corrosive and/or chemically active atmosphere.
- Use the electrically power-assisted cycle in adverse weather conditions (heavy rain, hail, snow, strong wind, etc.).
- Use the electrically power-assisted cycle in poorly lit areas.
- Ride across or remain on uneven or rough ground (bumpy roads with potholes, depressions, obstacles, etc.) to avoid the risk of falls and injury to the rider and damage to the bike.
- Charge the battery in an environment that is either too hot or insufficiently ventilated.
- Cover the battery while its charging.
- Smoke or use open flames near the charging area.
- Perform any type of maintenance work with the battery connected.
- Insert limbs or fingers between the moving parts of the bike.
- Touch the brakes immediately after use due to high temperatures.

Allow the electric and electronic components of the electrically power-assisted cycle to come into contact with water or other liquids.

- Modify or change the bike and its mechanical and electronic parts in any way to avoid the risk of structural damage, compromising efficiency, and causing damage.
- If any manufacturing defects arise or if any unusual noises or faults are detected, do not use the bike and contact your dealer or visit the www.urbanchicemobility.it website

Safety devices

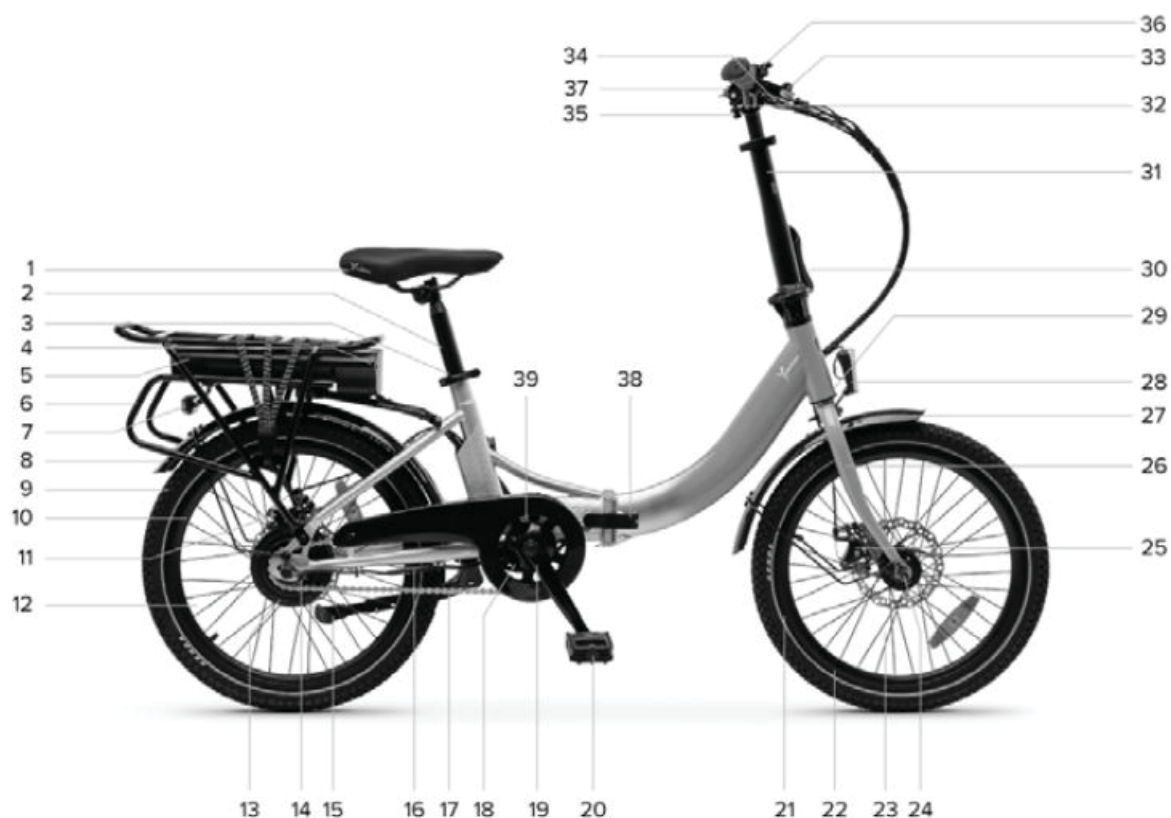
It is strictly prohibited to modify or remove the safety devices for the battery, chain, and other components installed on the bike, such as the warning and identification plates.

Product Overview

Lancia Ypsilon E-Bike Brio

1. Saddle
2. Seat post
3. Seat post clamp
4. Control unit compartment
5. Li-Ion battery
6. Rear luggage rack
7. Rear LED light
8. Rear mudguard
9. Rear tyre
10. Front-wheel rim
11. Rear disc brake
12. Rear wheel
13. Motor
14. Pinions 16T
15. Stand (opposite side)
16. Motor port
17. Chain
18. Chainring
19. Crank arm (right side)
20. Pedal (right side)
21. Front tyre
22. Front-wheel rim
23. Front-wheel
24. Pass-through pin front wheel
25. Front disc brake
26. Rigid fork
27. Front mudguard
28. Front LED light

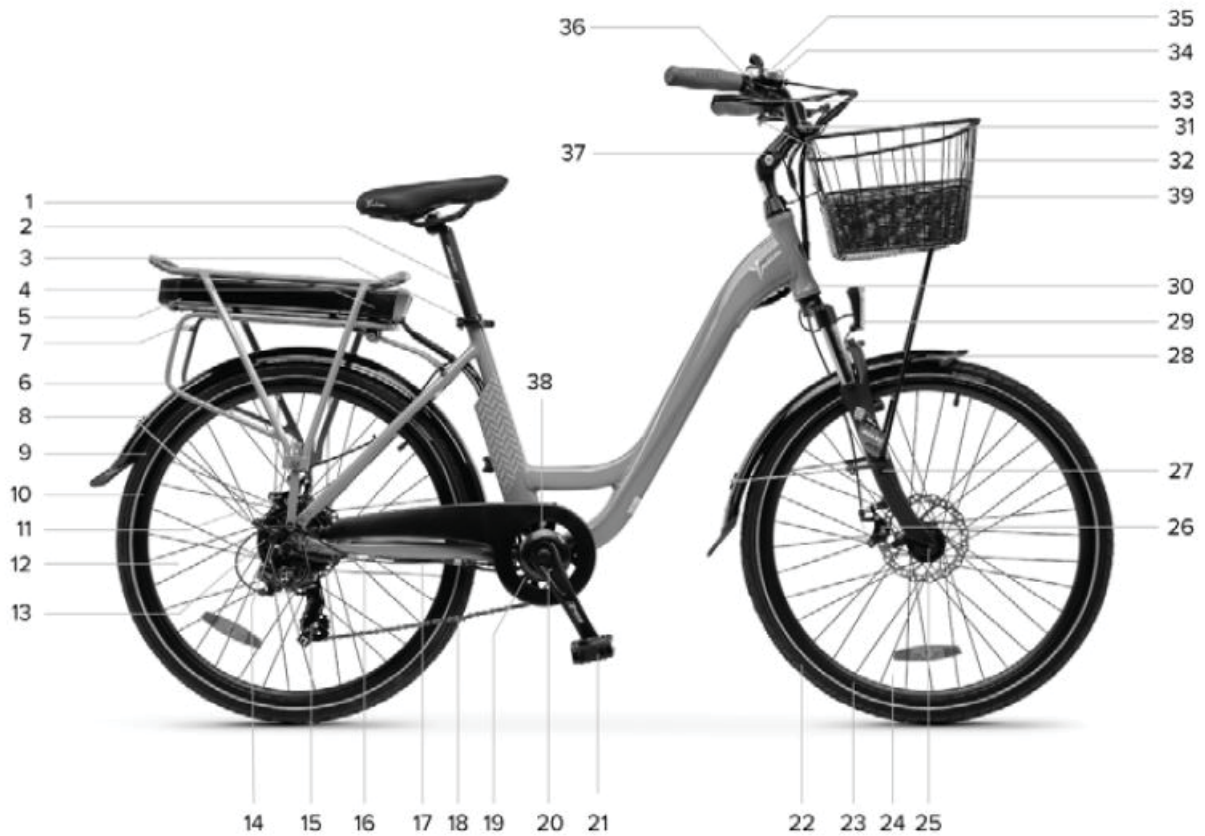
29. Frame serial number
30. Handlebar stem lock/unlock lever
31. Telescopic and folding handlebar stem
32. Handlebars
33. Rear wheel brake lever (right side)
34. Front-wheel brake lever (left side)
35. Handlebar attachment
36. Bell
37. Display
38. Frame opening/closing mechanism
39. PAS (opposite side)



Lancia Ypsilon E-Bike Incanto

1. Saddle
2. Seat post
3. Seat post clamp
4. Control unit compartment
5. Li-Ion battery
6. Rear luggage rack
7. Rear LED light
8. Rear mudguard
9. Rear tyre
10. Front-wheel rim

11. Rear disc brake
12. Rear wheel
13. Motor
14. 7-Speed cassette
15. Rear gear change – derailleur
16. Stand (opposite side)
17. Motor port
18. Chain
19. Chainring
20. Crank arm (right side)
21. Pedal (right side)
22. Front tyre
23. Front-wheel rim
24. Front-wheel
25. Quick-release front wheel
26. Front disc brake
27. Suspension fork
28. Front mudguard
29. Front LED light
30. Frame serial number
31. Handlebars
32. Rear wheel brake lever (right side)
33. Front-wheel brake lever (left side)
34. Gear change – indexed control
35. Bell
36. Display
37. Adjustable handlebar attachment
38. PAS (opposite side)



Front Storage Basket Lancia E-Bike Estro

1. Saddle
2. Seat post
3. Seat post clamp
4. Control unit compartment
5. Li-Ion battery
6. Rear luggage rack
7. Rear LED light
8. Rear mudguard
9. Rear tyre
10. Front-wheel rim
11. Rear disc brake
12. Rear wheel
13. Motor
14. 7-Speed Cassette
15. Rear gear change – derailleur
16. Stand (opposite side)
17. Motor port
18. Chain
19. Chainring
20. Crank arm (right side)
21. Pedal (right side)
22. Front tyre
23. Front-wheel rim

24. Front-wheel
25. Quick-release front wheel
26. Front disc brake
27. Suspension fork
28. Front mudguard
29. Front LED light
30. Frame serial number
31. Adjustable handlebar attachment
32. Handlebars
33. Rear wheel brake lever (right side)
34. Front-wheel brake lever (left side)
35. Gear change – indexed control
36. Bell
37. Display
38. PAS (opposite side)



Lancia E-Bike Genio

1. Saddle
2. Seat post
3. Seat post clamp
4. Rear luggage rack
5. Rear LED light
6. Rear mudguard
7. Rear tyre
8. Front-wheel rim

9. Rear disc brake
10. Rear wheel
11. Motor
12. 7-Speed cassette
13. Rear gear change – derailleur
14. Stand (opposite side)
15. Motor port
16. Chain
17. Chainring
18. Crank arm (right side)
19. Pedal (right side)
20. Front tyre
21. Front-wheel rim
22. Front-wheel
23. Quick-release front wheel
24. Front disc brake
25. Suspension fork
26. Front mudguard
27. Front LED light
28. Frame serial number
29. Handlebar attachment
30. Handlebars
31. Rear wheel brake lever (right side)
32. Front-wheel brake lever (left side)
33. Gear change – indexed control
34. Bell
35. Display
36. Battery lock/release clamp (opposite side)
37. Li-Ion battery
38. PAS (opposite side)



Technical datasheet

Product description	Product code	EAN code
Lancia Ypsilon E-Bike Brio	LN-BI-220004	8052679455881
General information		
Display	LED – CDE9-BT	
Motor	Bafang 36V 250W – rear brushless	

Battery	Li-Ion 36V 7.8Ah 281Wh – external and removable
Brakes	front and rear mechanical disc – brake levers with cut-off sensor
Gear change	not present
Drive	chain – 1 speed
Wheels	20" front and rear
Lights	Front and rear LEDs
Frame	aluminium 6061 – folding
Battery charger	Input: AC100V-240V 1.8A (Max) – Output: 42V 2.0A (Max)
Maximum load supported by E-bike	100 kg
Maximum load supported by luggage rack	25 kg

Weight of E-bike	23 kg~
Full speed	25km/h

Product description	Product code	EAN code
Lancia Ypsilon E-Bike Incanto	LN-BI-220001	8052679455850
General information		
Display	LED – CDE9-BT	
Motor	Bafang 36V 250W – rear brushless	
Battery	Li-Ion 36V 10.4Ah 374Wh – external and removable	
Brakes	front and rear mechanical disc – brake levers with cut-off sensor	

Gear change	Shimano 7 gears (1×7) – rear derailleur
Drive	chain – 7 speed
Wheels	26" front and rear
Lights	Front and rear LEDs
Frame	aluminium 6061 – folding
Battery charger	Input: AC100V-240V 1.8A (Max) – Output: 42V 2.0A (Max)
Maximum load supported by E-bike	100 kg
Maximum load supported by luggage rack	25 kg
Weight of E-bike	24 kg~

Full speed	25km/h
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Product description	Product code	EAN code
Lancia E-Bike Estro	LN-BI-220002	8052679455867

General information	
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Display	LED – CDE9-BT
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Motor	Bafang 36V 250W – rear brushless
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Battery	Li-Ion 36V 10.4Ah 374Wh – external and removable
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Brakes	front and rear mechanical disc – brake levers with cut-off sensor
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Gear change	Shimano 7 gears (1×7) – rear derailleur
-------------	---

Drive	chain – 7 speed
Wheels	700c front and rear
Lights	Front and rear LEDs
Frame	aluminium 6061 – folding
Battery charger	Input: AC100V-240V 1.8A (Max) – Output: 42V 2.0A (Max)
Maximum load supported by E-bike	100 kg
Maximum load supported by luggage rack	25 kg
Weight of E-bike	23 kg~
Full speed	25km/h

Product description	Product code	EAN code
Lancia E-Bike Genio	LN-BI-220003	8052679455874
General information		
Display	LCD – CDC13-BT	
Motor	Bafang 36V 250W – rear brushless	
Battery	Li-Ion 36V 10.4Ah 374Wh – integrated and removable	
Brakes	front and rear mechanical disc – brake levers with cut-off sensor	
Gear change	Shimano 7 gears (1×7) – rear derailleur	
Drive	chain – 7 speed	
Wheels	27.5" front and rear	

Lights	Front and rear LEDs
Frame	aluminium 6061 – folding
Battery charger	Input: AC100V-240V 1.8A (Max) – Output: 42V 2.0A (Max)
Maximum load supported by E-bike	100 kg
Maximum load supported by luggage rack	25 kg
Weight of E-bike	24.5 kg~
Full speed	25km/h

Assembly

Carefully remove the bike from the packaging* and remove the protective material taking care not to damage the relevant aesthetic parts or force the cables and pre-assembled components. The bike must be removed from the packaging by two adults to ensure that it is not damaged and avoid the risk of injury and/or crushing.

Lancia Ypsilon Incanto / Lancia Estro / Lancia Genio Handlebar installation

Rotate the fork counterclockwise until it is positioned in front of the frame. Check that the handlebar attachment is positioned frontally and aligned with the frame while waiting for any subsequent adjustment necessary following installation of the handlebar and insertion of the front wheel.

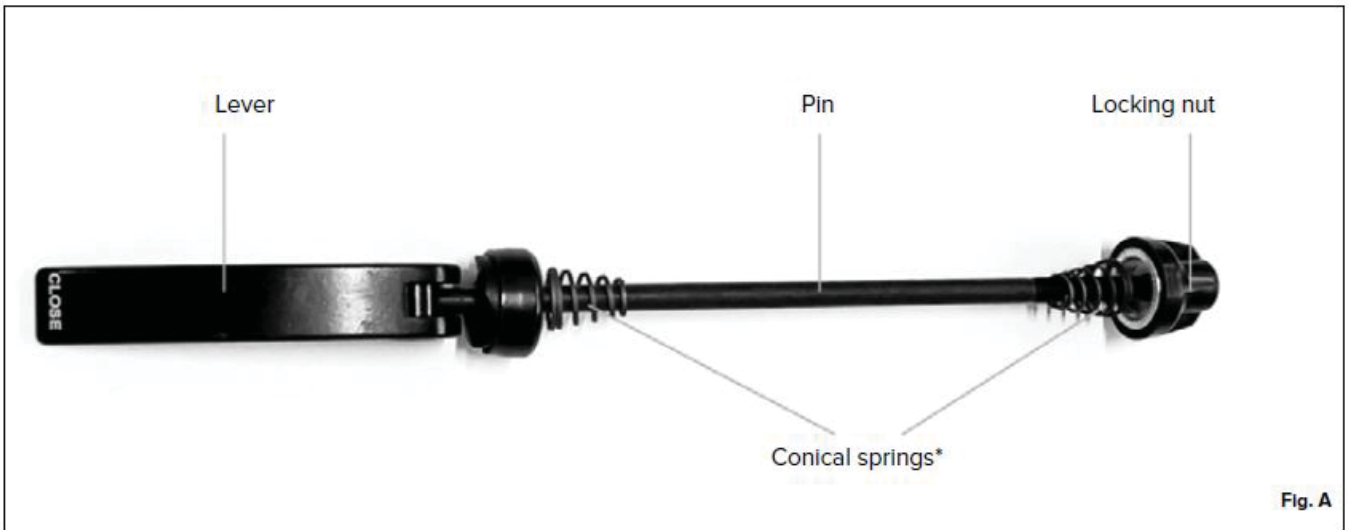


Remove the fastening screws of the front panel on the end of the handlebar attachment and insert the handlebar into the appropriate housing in the central position; position the front panel of the previously removed handlebar attachment in its original position and slightly tighten the fastening screws to adjust the correct positioning of the handlebar. Complete the operation by tightening the screws.



Front-wheel installation

Insert the front wheel into the appropriate fork housings (forks) and tighten with the appropriate quick-release device (fig. A).



Conical springs: position the end of the conical springs (those with the smallest diameter) in the direction of the wheel. Insert the pin equipped with the relative conical spring inside the hub, leaving the lever on the right side of the bicycle (the side without the brake disc); insert the second conical spring and the locking nut into the pin coming out of the hub on the opposite side (side equipped with the brake disc), screwing it until flush against the dropout. Close the lever towards the fork to complete the tightening operation by verifying that the lever has adequate resistance during the closing phase (such as leaving a mark on the palm of the hand used to tighten the lever, the so-called "imprint on a palm") and, after closing, requires a considerable force to be exerted to allow relative opening.



Front mudguard installation

Remove the screw located in the rear of the fork. Insert the front mudguard so that it passes between the fork and the front wheel, then fasten it to the fork with the relevant bracket using the screw that was removed beforehand from it. Fasten the side supports of the front mudguard to the relevant front fork brackets by removing and then tightening the screws on the brackets (right and left side).



Lancia Ypsilon Incanto Front basket installation



Installing and positioning the seat post

Insert the seat post into the seat tube of the frame and, after positioning the saddle correctly, secure the seat post firmly using the special clamping device (seat post clamp) on the frame.



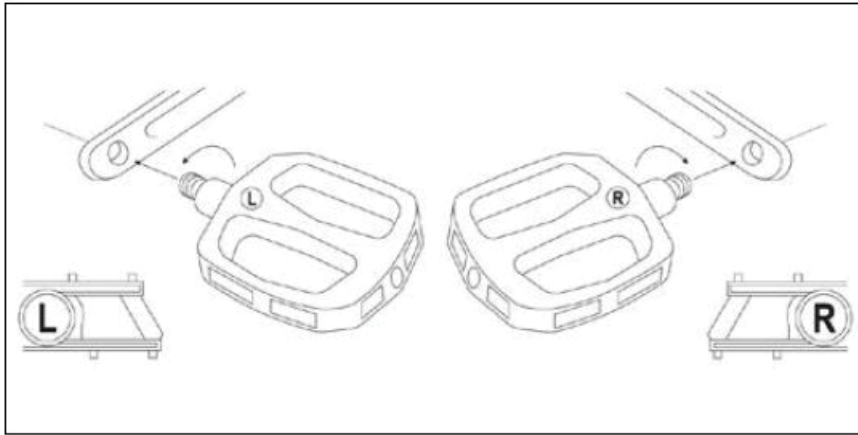
DANGER

Minimum insertion seat post-insertion limit

For structural and safety reasons, it is strictly forbidden, when using the bike, to extract the seat post from the seat tube of the frame beyond the limit indicated on the latter to avoid the risk of causing any structural fractures to the bike and incurring serious injuries. The seat post is deemed to be correctly and safely positioned inside the seat tube of the frame by inserting it so that no markings and/or graphic indication of the minimum insertion limit can be seen; see:

Installing the pedals

Locate the right pedal (marked with the letter R) and left pedal (marked with the letter L). Fit the right pedal (R) by inserting the threaded pin of the pedal into the corresponding crank arm on the right side of the bike and screwing it clockwise (turn it towards the front wheel) until it is tightened using a 15mm wrench. Fit the left pedal (L) by inserting the threaded pin of the pedal into the corresponding crank arm on the left side of the bike and screwing it anticlockwise (turn it towards the front wheel) until it is tightened using a 15mm wrench.



CAUTION

Verify and regularly check that the various bolted elements, fastening screws, quick releases, and pass-through pins are correctly tightened, and perform an overall check to ensure that all the parts are in order. The nuts and all the other self-tightening parts can become loose so, these components need to be periodically checked and tightened. The recommended torque values for fixing the specific parts/ components on the product (e.g. handlebar, handlebar attachment, handlebar column, saddle, seat post, wheels, etc.) can be identified at the relevant elements. An average torque of 20Nm can be used for all other fastenings. Verification of the correct tightening of the parts/components through lever systems (quick release, handlebar attachment, Seatpost collar, etc.), in the absence of technically precise indications of the relative values, can be done by testing that the relative part/component being fixed is not mobile and/or unstable if subjected to a vigorous attempt to remove and/or extract (handlebar, Seatpost channel, wheels, etc.) and by verifying that the tightening lever has adequate resistance during the closing phase (such as to leave a mark on the palm of the hand used for lever tightening, so-called “imprint on a palm”) and, after closing, requires a considerable force to be exerted to allow relative opening.

Rear light

The rear LED light is already installed on the end of the rear luggage rack. Switching on and off can be done manually using the appropriate button on the light itself.

CAUTION

Battery key set

The electrically power-assisted cycle is exclusively equipped with 2 keys uniquely associated with the key lock located on the battery installed on the product to allow locking and/or unlocking by extraction. Identify the keys on the bike, located near the handlebar or attached to another component of the electrically power-assisted cycle (frame or battery), taking care that they do not get mislaid.

Check with a negative outcome

In the event that, during assembly, factory defects, unclear passages or difficulties in an assembly are found, do not ride the ped-al-assisted bicycle and contact the support service of your authorized dealer or visit the website www.urbanchicemobility.it

In the interest of technological development, the manufacturer reserves the right to modify the item with no prior notice and this manual will not be automatically updated.

For information and to consult the revisions of this manual visit the website www.urbanchicemobility.it

Lancia Ypsilon Brio

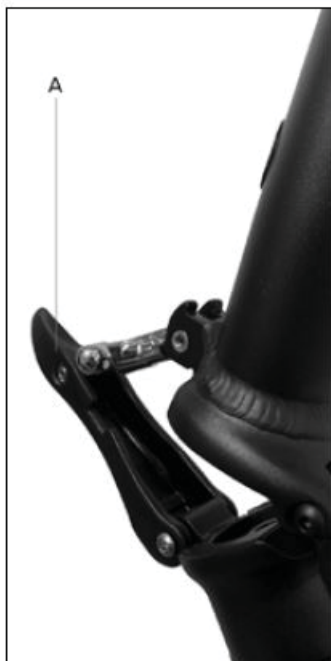
After aligning the front of the frame with the rear part by rotating them around the coupling hinge pin, tighten the lever on the frame opening/closing mechanism as follows:

Grasp the locking device (A) of the lever of the opening/closing mechanism and push it upwards until it allows the correct insertion in its seat (B) present in the front of the frame and then turning it to the right until it engages in its safety seat. Rotate the lever towards the rear of the frame until tightened.



Positioning the handlebar stem

Raise the handlebar stem until it is vertical; tighten the handlebar stem using the locking device indicated by the letter A.



Positioning the handlebars

Position the handlebars on the handlebar attachment taking care to centre and adjust them correctly so they slot onto the controls, tightening the handlebar attachment lever (tightening device between the handlebars and handlebar attachment).

Handlebar stem plate assembly/disassembly instructions for handlebar installation/removal (if necessary – optional)

Remove the handlebar stem from the top end of the handlebar attachment as follows:

Remove screw number 1 and then lever number 2. Then proceed to remove metal plate number 3 and finally remove metal plate number 4 by sliding it sideways.



Proceed to reassemble the previously removed handle-bar attachment plate in the reverse sequence. Make sure to tighten properly to avoid dangerous situations while riding.



Installing and positioning the seat post

Insert the seat post into the seat tube of the frame and, after positioning the saddle correctly, secure the seat post firmly using the special clamping device (seat post clamp) on the frame.



DANGER

Minimum insertion seat post-insertion limit

For structural and safety reasons, it is strictly forbidden, when using the bike, to extract the seat post from the seat tube of the frame beyond the limit indicated on the latter to avoid the risk of causing any structural fractures to the bike and incurring serious injuries. **The seat post is deemed to be correctly and safely positioned inside the seat tube of the frame by inserting it so that no markings and/or graphic indication of the minimum insertion limit can be seen; see:**



Correct position



Incorrect position

CAUTION

Verify and regularly check that the various bolted elements, fastening screws, quick releases and pass-through pins are correctly tightened, and perform an overall check to ensure that all the parts are in order. The nuts and all the other self-tightening parts can become loose so, these components need to be periodically checked and tightened.

The recommended tightening torques for fastening the specific parts/components on the bike (e.g. handlebars, handlebar attachment and stem, saddle, saddle clamp, wheels, etc.) can be identified depending on the relevant elements. An average torque of 20Nm can be used for all other fastenings. Verification of the correct tightening of the parts/components through lever systems (quick release, handlebar attachment, Seatpost collar, etc.), in the absence of technically precise indications of the relative values, can be done by testing that the relative

part/component being fixed is not mobile and/or unstable if subjected to a vigorous attempt to remove and/or extract (handlebar, Seatpost channel, wheels, etc.) and by verifying that the tightening lever has adequate resistance during the closing phase (such as to leave a mark on the palm of the hand used for lever tightening, so-called "imprint on a palm") and, after closing, requires a considerable force to be exerted to allow relative opening.

Rear light

The rear LED light is already installed on the end of the rear luggage rack. Switching on and off can be done manually using the appropriate button on the light itself.

Battery key set

The electrically power-assisted cycle is exclusively equipped with 2 keys uniquely associated with the key lock located on the battery installed on the product to allow locking and/or unlocking by extraction. Identify the keys on the bike, located near the handlebar or attached to another component of the electrically power assisted cycle (frame or battery), taking care that they do not get mislaid.

Check with a negative outcome

In the event that, during assembly, factory defects, unclear passages or difficulties in assembly are found, do not ride the ped-al-assisted bicycle and contact the support service of your authorized dealer or visit the website www.urbanchicemobility.it

In the interest of technological development, the manufacturer reserves the right to modify the item with no prior notice and this manual will not be automatically updated.

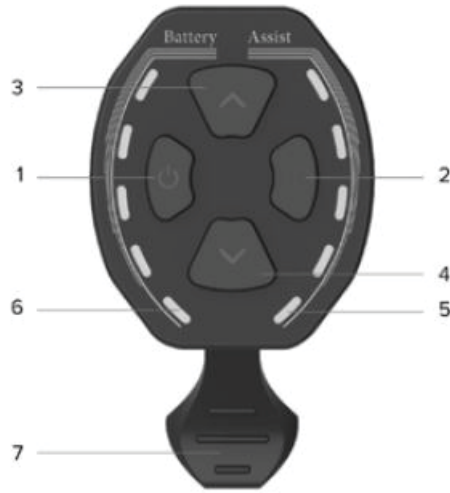
For information and to consult the revisions of this manual visit the website www.urbanchicemobility.it

Display

The electrically power-assisted cycle has a control device on the handlebar, LED or LCD display, powered by the battery supplied with the bike which controls all the bike's electrical and electronic functions.

Led display – CDE9-BT Overview of controls and symbols

1. ON/OFF button
2. Light on/off button
3. Button to increase assisted pedaling (+)
4. Button to decrease assisted pedaling (-)
5. LED indicator to signal assisted pedaling selected (1-5)
6. LED indicator for residual battery charge (1-5)
7. Walk assist mode on/off lever



Function description

Display on/off

Press the ON/OFF button for at least 1 second to switch the display on or off.

Selecting the assisted pedaling level

Press the relevant button to increase or decrease the level of selected assisted pedaling. The assisted pedaling level selected, which can vary from 1 to 5, is indicated on the display by the corresponding number of LED indicator lights; see: 1-2-3-4-5. The assisted pedaling level highlighted by 1 LED light on the display indicates the minimum setting for electrical support provided by the motor. The assisted pedaling level highlighted by 5 LED lights on the display indicates the maximum setting for electrical assistance provided by the motor. Electric assistance from the motor is excluded by decreasing the selected assisted pedaling level until the relevant LED lights disappear completely.

Enabling walk assist mode

Decrease the selected assisted pedaling level until the relevant LED lights disappear completely and press the lever to enable the walk assist mode which allows you to activate electric motor assistance up to a speed of 6Km/h. Disable the function by releasing the lever.

CAUTION

The walk assist mode must be used in compliance with the regulations in force in the country of use and is only allowed when pushing the electrically power-assisted cycle by walking alongside the bicycle and holding the handlebar grips firmly with both hands.

DANGER

It is strictly prohibited to enable the walk assist mode when you are sitting on the saddle of the electrically power-assisted cycle to avoid the danger of injury and the risk of damaging the electrical components of the bike.

Switching the lights on/off

Press the relevant button for at least 1 second to switch the front light on or off (and the rear light, if applicable).

Residual battery charge indicator

The battery charging level is shown on the display by the number of LED lights that are highlighted; see: 0-1-2-3-4-5. If 5 LED lights are highlighted at the same time, it means that the battery is charged to the maximum percentage set and detected at the time. The reduction in the number of led lights simultaneously highlighted indicates that the available battery charge and consequent autonomy is decreasing. The level of the battery

charging indicator may fluctuate depending on how the electrically power-assisted cycle is being used, for example, when going up a slope, the level displayed can drop rapidly as there is a much higher battery consumption. The individual indicator lights give an indication of the specific battery charge range detected at the time and do not necessarily represent a percentage of the residual autonomy.

Malfunction indicator light

If a malfunction of the electrical and/or electronic system of the bike is detected, all the LED lights on the display will light up and flash. **Turn off the display and after switching on again identify the anomaly corresponding to the number of flashes highlighted (flash); the explanatory table follows:**

Number of flashes	Malfunction description
2	Malfunction when using the walk assist mode lever
3	Brake sensor malfunction
4	Control unit malfunction
7	Control unit overheated
8	High voltage protection (voltage above threshold)
10	Motor malfunction (excessive power consumption)
11	Motor hall sensor malfunction
17	Display-control unit wiring communication malfunction

18	Display-control unit programming communication malfunction
19	Brake sensor malfunction
20	Motor block

LCD Display – CDC13-BT Overview of controls and symbols

1. Indicator light for light ON
2. Assist: an indicator of the assisted pedaling level selected (number)
3. Error: a malfunction warning light
4. Indicator light for walk assist mode ON
5. Digital speedometer: indicator light for speed detected during use (Km/H or MPH)
6. AVG: the display of average speed data recorded during last use (Km/h or MPH)
7. MAX: the display of maximum speed data recorded during the last use (Km/h or MPH)
8. TRIP: the display of partial distance traveled (Km or Miles)
9. ODO: the display of total distance traveled (Km or Miles)
10. Travel mode corresponding to the selected assisted pedaling level (ECO-STD-Turbo)
11. Indicator light for residual battery charge
12. M: mode button (MODE)
13. Button to vary and/or decrease value (-)
14. ON/OFF button
15. Button to vary and/or increase value (+)



Function description

Display on/off

Press the ON/OFF button for at least 3 seconds to switch the display on or off.

Selecting the assisted pedaling level

Press the relevant button to increase or decrease the level of selected assisted pedaling. There are between 1 and 5 assisted pedaling levels that can be selected (Assist). Assist level 1 sets minimum electrical support by the motor (minimum power – ECO mode). Assist levels 2 and 3 set intermediate electrical support by the motor (minimum power – STD mode). Service levels 4 and 5 determine the setting of the maximum electrical support provided by the motor (maximum power – Turbo operating mode). If you select level 0, you exclude electrical assistance from the motor.

Enabling walk assist mode

Set the walk assist level to 0 and then, press and hold the – button to enable the walk assist mode which allows you to activate electric motor assistance up to a maximum speed of 6 Km/h. Disable the function by releasing the button.

CAUTION

The walk assist mode must be used in compliance with the regulations in force in the country of use and is only allowed when pushing the electrically power assisted cycle by walking alongside the bicycle and holding the handlebar grips firmly with both hands.

DANGER

It is strictly prohibited to enable the walk assist mode when you are sitting on the saddle of the electrically power-assisted cycle to avoid the danger of injury and the risk of damaging the electrical components of the bike.

Switching the light on/off

Press the ON/OFF button quickly to turn the front light (and rear light, if applicable) on and off.

Viewing data (AVG – MAX – TRIP – ODO)

The data available on speed (AVG and MAX) and distance (TRIP and ODO) will be displayed alternately and automatically in sequence: AVG – MAX – TRIP – ODO.

The partial usage data (TRIP – AVG – MAX) will automatically reset after the display is turned off.

Indicator light for residual battery charge

The battery charge level is shown on the display screen as a number of dashes between 0 and 5. If there are 5 dashes, it means that the battery is charged to the maximum percentage defined and detected instantly. Fewer dashes are shown to indicate a decrease in the battery charge level available and subsequent autonomy. The level of the battery charging indicator may fluctuate depending on how the electrically power-assisted cycle is being used, for example, when going up a slope, the level displayed can drop rapidly as there is much higher battery consumption. The individual dashes indicate the specific battery charge range detected at the time and do not necessarily indicate a percentage of the residual autonomy.

Malfunction indicator light

If a malfunction of the bike's electrical and/or electronic system is detected, the relevant warning light will appear on the display screen and the relevant identification Error Code will be displayed at the same time.

Error Code	Malfunction description
2	Malfunction when using the walk assist mode lever
3	Brake sensor malfunction
4	Control unit malfunction
7	Control unit overheated
8	High voltage protection (voltage above threshold)
10	Motor malfunction (excessive power consumption)
11	Motor hall sensor malfunction
17	Display-control unit wiring communication malfunction
18	Display-control unit programming communication malfunction
19	Brake sensor malfunction
20	Motor block

Parameter configuration

Press the M button for at least 3 seconds to access the configuration menu and then, quickly press the M button to confirm the data entered and display the next parameter to be configured.

Select the value for the individual parameter by pressing the + or – buttons and confirming it by pressing the M button (quickly to access the next parameter).

The sequence of parameters that can be configured is shown below:

- **P1 – Unit of measurement:**

- Press the + or – buttons to select the unit of measurement for the speed and travel data displayed on the display: International metric system (Km/h and Km) or British imperial system (MPH and Mile)

- **P2 – User password ON/OFF display:**

- Available options = on / off
 - OFF = selecting “off”, confirmed by pressing the M button, excludes the user password request (identification code) to allow the user to access and activate the display and allow full control of all the functions provided for the electrically power-assisted cycle.
The display controls and functions will be immediately accessible after pressing the ON button.
 - ON = by selecting the data “on”, confirmed by pressing the M button, the configuration parameter is enabled which provides for the activation of the display and access to all the functions provided for the complete management of the pedal-assisted bicycle exclusively after entering a user password (identification code).
Display controls and functions, after pressing the ON button, will only be accessible after entering the user password previously set (P3).

- **P3 – User password:**

- The parameter only displayed after the “ON” option has been selected which allows the user to enable the display access configuration exclusively by entering the password (numeric identification code consisting of 4 digits) previously set and confirmed as follows:
 - select the 4 digits which make up the password by pressing the + and – buttons and confirming them individually by pressing the ON/OFF button
 - confirm the numeric identification code consisting of 4 numbers by pressing the M button.

- **0000 – System parameter setting a password:**

- In the event that abnormal data relating to speed (Km/h and Km) and distance (MPH and mile) are highlighted on the display, contact the after-sales technical assistance service to receive appropriate support: <https://urbanchicemobility.it/assistenza/>

Battery

The electrically power-assisted cycle starts and powers its electrical and electronic functions through the lithium-ion battery supplied with the product, correctly recharged, installed and, if provided, following activation through a specific switch.

Li-Ion Battery – Lancia Estro and Lancia Ypsilon Incanto version



- A. Battery on/off switch (I=On / O=Off)
- B. Charging port for battery charger

- C. Residual charge status indicator

Li-Ion battery – Lancia Ypsilon Brio version



- A. Battery on/off switch (I=On / O=Off)
- B. Charging port for battery charger
- C. Residual charge status indicator

Li-Ion Battery – Lancia Genio equipment version



- A. Charging port for charger
- B. Residual battery charge indicator
- C. USB port for portable device charging (if provided)

Battery removal and insertion

The battery can be removed from the bike to prevent theft, for charging or to be stored in optimal conditions.

Li-Ion battery – Lancia Estro, Lancia Ypsilon Incanto and Lancia Ypsilon Brio version

Removing the battery:

Disable the battery via the specific switch and insert the key supplied in the lock on the battery in the fixing structure of the same integrated in the rear rack. Turn the key counterclockwise to the unlocking position and remove the battery by pulling it out at the rear.

Inserting the battery:

Insert the supplied key into the lock in the battery mounting structure built into the rear rack. Turn the key counterclockwise to the unlocking position and insert the battery in its seat making it slide until it impacts the end of the structure. Complete the installation by turning the key clockwise to the locked position. Verify that the battery is properly installed by making a vigorous extraction attempt.



Li-Ion battery – Lancia Genio version

Removing the battery:

Insert the key supplied in the lock on the frame and, after turning the key counterclockwise to the unlocking position, proceed to remove the battery from its fixing seat in the frame.

Inserting the battery:

Insert the supplied key in the battery Battery lock/unlock mechanism on the frame and turn it counterclockwise. Insert the battery in its seat integrated into the frame and turn the key clockwise until locked position to ensure correct anchoring to the frame. Verify that the battery is properly installed by making a vigorous extraction attempt.

Battery charging

Before using the electrically power-assisted cycle for the first time, the battery must be fully charged using the battery charger supplied.

It is advisable to charge the battery with its charger after each use of the electrically power-assisted cycle.

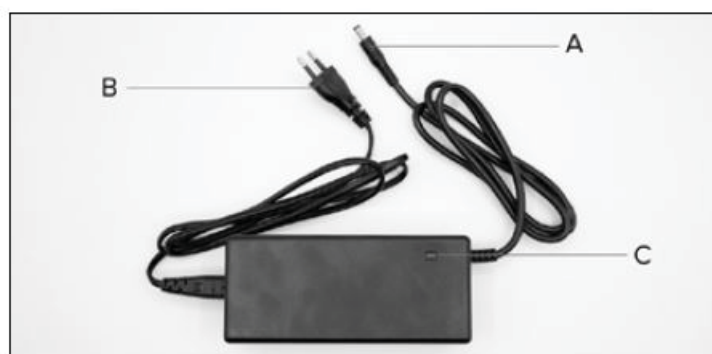
The average time to fully charge the battery, which varies according to the residual charge level of the battery, can be estimated as shown in the sheet below.

CAUTION

Only use the battery charger provided or an approved model with the same technical specifications, taking care to observe the same methods and precautions of use indicated on the charger or in the manual.

EPAC	Battery charger INPUT	Battery charger OUTPUT	Recharge life
Lancia Ypsilon Brio	AC 100V-240V 1.8A (Max)	DC 42V 2.0A (Max)	3-5 h
Lancia Ypsilon Incan to	AC 100V-240V 1.8A (Max)	DC 42V 2.0A (Max)	4-6 h
Lancia Estro	AC 100V-240V 1.8A (Max)	DC 42V 2.0A (Max)	4-6 h
Lancia Genio	AC 100V-240V 1.8A (Max)	DC 42V 2.0A (Max)	4-6 h

- Make sure that the electrically power assisted cycle is switched off and the battery is switched off/disabled (if required by the model of battery supplied with the bike).
- Make sure that the battery charger, its jack and the charging port of the battery are dry.
- Connect the battery charger jack to the battery charging port and then, the mains power socket (230V/50Hz).
- There is a red indicator light when the battery is charging. When the indicator light turns green, it signals that the battery charging cycle has been completed.
- Disconnect the battery charger jack from the battery charging port and then, the mains power socket.



- A. Battery charging jack
- B. Power supply jack
- C. Battery charging LED indicator light

CAUTION

- Using a battery charger that differs from the one supplied, which is not suitable or approved, to charge the e-

bike battery may damage it or involve other potential risks.

- Never leave the e-bike unsupervised while it is charging.
- Do not switch on or ride the e-bike during charging.
- Keep out of the reach of children during charging. Do not place anything on top of the battery charger during use; do not allow any liquid or metal to get inside the battery charger.
- The battery charger heats up during the battery charging cycle.
- Do not charge the battery immediately after use. Allow the battery to cool down before charging it.
- The item should not be charged for extended periods. Overcharging reduces battery life and poses additional potential hazards.
- Do not allow the battery to completely discharge to avoid damaging it and causing it to lose efficiency.
- Damage caused by the battery being left uncharged for a long period is irreversible and is not covered by the limited warranty. Once the damage has occurred, the battery cannot be recharged (the battery must not be dismantled by unqualified personnel, as this could lead to electric shocks, short circuits or even major safety incidents).
- Charge the battery at regular intervals (at least once every 3-4 weeks), even if the electrically power-assisted cycle has not been used for an extended period.
- Charge the battery in a dry environment, away from flammable materials (e.g. materials that may burst into flame), preferably at an indoor temperature of 15-25°C, but never below 0°C or above + 45°C.
- Carry out regular visual inspections of the charger and charger cables. Do not use the battery charger if it is damaged.

Autonomy and battery duration

The autonomy of the battery supplied with the electrically power-assisted cycle and, therefore, the relevant distance data estimated in km, may vary significantly depending on the specific mode of use (total load transported, how hard the rider pedals the bike, level of electric pedal assistance detected, how often the rider departs and restarts), the mechanical and electrical conditions of the product (tire pressure and wear battery efficiency level) and external influences (slopes and road surface, atmospheric conditions).

The capacity and performance of the battery will decrease over time due to the electrochemical deterioration of the battery cells. It is impossible to predict its duration with accuracy since it depends above all on the type of use and stress to which it is subjected. To promote the longevity of the battery, it is advisable to store it in a dry environment and protected from direct exposure to sunlight and preferably at an internal temperature of 15-25 ° C, but never below 0 ° C or above + 45 ° C, ideally recharge at room temperature and avoid overcharging or its complete discharge during use and recharging the battery at regular intervals even if you do not use the pedal-assisted bicycle for an extended period (at least once every 3/4 weeks). Cold, in general, decreases battery performance. If used during the winter, the battery should be charged and stored at room temperature and inserted in the electrically power-assisted cycle only shortly before it is used.

DANGER

Battery warnings

The battery consists of lithium-ion cells and chemical elements that are hazardous to health and the environment. Do not use the item if it emits odors, substances or excessive amounts of heat.

- Do not dispose of the item or the battery with household waste.
- The end user is responsible for the disposal of electrical and electronic equipment and batteries in compliance with all applicable regulations.
- Avoid used, defective and/or non-original batteries of other models or brands.

- Do not leave the battery near fire or heat sources. Fire and explosion hazard.
- Do not open the battery or take it apart. Do not strike, throw, or puncture the battery or attach objects onto it.
- Do not touch any substances leaking from the battery, as they are deemed hazardous. Do not allow children or pets to touch the battery.
- Do not overcharge or short-circuit the battery. Fire and explosion hazard.
- Never leave the battery unattended during recharging. Fire hazard! Never touch the charging socket with metal objects.
- Do not immerse or expose the battery to water, rain or other liquids.
- Do not expose the battery to direct sunlight, excessive heat or cold (for example, do not leave the item or battery in a car in direct sunlight for extended periods of time), or environments containing explosive gases or flames.
- Do not carry or store the battery with metal objects such as hairpins, necklaces, etc. Contact between metal objects and battery contacts may cause a short circuit resulting in physical injury or death.

First use

Before using the pedal-assisted bicycle, in addition to verifying the state of charge and correct installation of the battery, to allow an adequate start-up and ensure efficient and safe use of the product, it is always appropriate to carefully check each part by carrying out the necessary adjustment of the related mechanical components, directly or with the support of specialized operators, see: adjustment and tightening of the saddle and Seatpost channel, adjustment and tightening of the handlebar and handlebar attachment, adjustment of brakes, adjustment of gearbox, chain and gear lubrication, wheel and tire pressure verification, general verification of the correct tightening of the fixing screws, quick release and through pins as well as a general check that all the parts are in order.

Saddle

The position on the bicycle is very important to ensure optimal comfort when using the bike, correct pedaling, and to avoid any safety problems. It is, therefore, important that the saddle and the seat post are positioned and adjusted to suit the rider. The saddle can be adjusted in height, forward position and angle. To adjust the height of the saddle, the clamp that secures the seat post in the frame must be loosened and either raised or lowered as needed, taking care not to pull it out beyond the limit indicated to avoid the risk of breaking the frame. Once the best position has been found in compliance with the precautions for extracting the seat post, secure it by tightening the relevant clamp until it is correctly tightened to prevent it from moving and/or becoming unstable. Generally speaking, the best way to adjust the height of the saddle is to check that when your foot is placed on the pedal at its lowest point, your leg is almost completely extended. To adjust the angle and how far forward the saddle is positioned, loosen the relevant fastening mechanism in the seat post bracket, so you can tilt the saddle and move it forward as desired. Then, tighten the fastening system to avoid any play or movement.

Handlebars

The height and angle of the handlebars can be adjusted by the fastening systems on the handlebar stem and/or handlebar attachment. To adjust the handlebar in height (Lancia Ypsilon Brio model) it is necessary to loosen the collar that tightens the telescopic handlebar column allowing extraction or insertion to raise or lower the handlebar until the desired position is defined by tightening the relative collar until it is not movable; in other cases, intervening on the joint on the handlebar attachment, loosening the relative fixing screws and, once the desired position is defined, tightening it afterward. To adjust the angle of the handlebars, loosen the clamp on the stem, rotate the handlebars until the desired position is reached, and secure it by tightening the clamp until it can no longer be moved.

Brakes

The braking system installed on the product provides for the presence of mechanical disc brakes that can be operated on the front wheel and on the rear wheel through the corresponding levers positioned on the handlebar, individually equipped with a device (cut-off sensor) through which, by operating the brake lever to which it is connected, the immediate disengagement of the propulsive action of the motor takes place. The brake lever on the right side of the handlebar activates the rear brake and stops the rear wheel whereas the brake lever on the left side of the handlebar activates the front brake and stops the front wheel. The front and rear brake levers must be positioned and adjusted so they are comfortable to use and favor the natural position of the hand and fingers used to pull them, thus minimizing the force and amount of time required to pull the brake lever whilst ensuring that the brake is applied evenly. Check the operation of the brakes with a low-speed brake test (max 6km/h) in an obstacle-free zone. As the brake pads on the calipers become worn and their thickness is reduced, the brake lever will have to be pulled further to exert the same braking force. If the bike has a mechanical disc braking system, to compensate for this type of wear, the brake cable adjustment ring located behind the corresponding lever will need to be adjusted to restore optimal braking conditions; if the brake pads are very worn, they must be replaced.

Gear change and drive

The cable change system supplied with the product (if present) is indexed and allows you to change the gear ratio and the metric development of the pedaling by acting on the control device on the handlebar, causing the lateral movement of the chain on the corresponding pinion of the cassette installed on the rear wheel through the relative derailleur.

Make sure the gear change and its adjustment are correct and that the chain and drive gears are clean and properly lubricated.

Wheels and tires

- Check the correct centring, suitable tensioning of the spokes and correct installation and tightening of the pass-through pins and/or the quick-release mechanism of the front wheel (if present).
- Check the presence and correct installation of the reflectors.
- **Check the condition and state of wear of the tires:** there must be no cuts, cracks, foreign bodies, abnormal swelling, visible canvases, and other damage.
- Check the tire pressure by referring to the specific range of minimum and maximum values shown on the side of the tire (suitable pressure must be customized according to the weight being carried, the weather conditions, and the road surface). Properly inflated tires, in addition to improving wheel slip, reduce the risk of punctures and deterioration.

Storage, maintenance and cleaning

- To ensure and maintain a good level of safety and functionality of the bike, it must be regularly checked and periodically serviced.

Some checks and servicing tasks can be carried out directly by the user or anyone who has basic mechanical skills, ability and access to the right tools.

- Other operations require the expertise and specific tools of a qualified operator.
- The dealer will be able to provide all the information about the checks which can be carried out directly by the user and suggest which routine maintenance tasks should be periodically carried out based on how frequently the bike is used and the conditions of its use.
- All the maintenance operations must be performed with the battery detached and the bike resting on the kickstand.
- The different parts that make up the bike are subject to various types of wear from use.
- In particular, the following components should be regularly checked and serviced: tires, wheels, brakes, gears,

chain, suspension, and frame.

- The tread of the tyres installed on the bike is liable to be consumed which can be accentuated by how and where it is used. The rubber of the tyres also tends to harden over time.
- The correct pressure of the inner tube in the tyres should be constantly checked to reduce the risk of punctures, limit deterioration and ensure safer use and performance of the bike.
- Periodically inspect the state of wear and aging/deterioration of the tires and replace the tires, if necessary, with ones that have the same characteristics.
- The correct servicing of the wheels, which become worn through use, means that they must be periodically checked to ensure they are correctly centered and that the tensioning of the spokes is uniform and suitable for the type of rim. The hub bearings should be inspected, cleaned, and lubricated or replaced, if necessary.
- The integrity of the rims supplied with the bike must be constantly checked to make sure that they are not deformed, cracked, or dented and/or show any other signs of corrosion and damage that require them to be replaced for safety reasons.
- To ensure the maintenance of a good level of operation of the brakes, in addition to regularly checking the state of wear and integrity of the discs and the state of wear and tear of the steel cables present inside the sheaths of the braking system and provide for the relative replacement to prevent the relative risk of breakage and perform the periodic replacement of the brake pads installed on the relative calipers to reach a thickness of not less than 1mm.
- The correct functioning of the electrically power-assisted cycle transmission is guaranteed by adequate maintenance and adjustment of the relevant components.
- The cable transmission system supplied with the product (if present), being a very stressed component during use and working as a result of a mechanical tension, is liable to easily lose the adjustment; the permanence and/or the restoration of the correct operating conditions of the indexed gearbox are guaranteed by adequate adjustment of the derailleur (end-stroke screws) and adjustment of the transmission cable. The chain and the relative gears of the transmission are subject to wear and tear and, to ensure their integrity and correct operation in terms of fluidity and silence, they must be regularly cleaned and lubricated with specific products (drop or spray, dry or wet), adapted to the seasonality and methods of use of the product and periodically replaced.
- Lubricate the parts in question only after they have been properly cleaned and degreased. Then, remove any excess lubricant if oily lubricants have been used.

The front and rear suspensions (where present) cannot be adjusted unless otherwise specified in this manual as they do not require specific maintenance; they only need to be checked to ensure they are working correctly and there is no play.

- The linings of the suspensions installed on the bike already include the lubricant (where present) needed to ensure their correct operation and do not, therefore, require additional lubrication.
- The bike frame must be inspected regularly to exclude the presence of any signs of cracking and/or so-called “material fatigue” so that any intervention required to reduce and/or eliminate the risk of damage and/or breakage can be promptly performed.

Each part of the fastening mechanisms on the bike should be carefully inspected and a preventive and periodic general check performed of the correct tightening of the self-tightening nuts and fastening screws which may lose their efficiency through use and over time.

CAUTION

All the controls must be checked to ensure they work correctly after every routine maintenance intervention.

Maintenance notes

Every maintenance job must take place with the battery disconnected. During each maintenance phase operators must be equipped with the necessary accident prevention equipment. The tools used for maintenance must be suitable and good quality. Do not use petrol or flammable solvents as cleaning agents but always use non-flammable and non-toxic solvents. Limit the use of compressed air as much as possible and protect yourself with goggles with side shields. Never use naked flame as a means of lighting when carrying out checks or maintenance work. After each maintenance or adjustment job ensure that no tools or foreign bodies remain inside the organs of movement of the assisted pedal bike. This manual does not provide in-depth information regarding disassembly and extraordinary maintenance, as these operations must always be carried out exclusively by the authorized dealer's Support Service personnel. The Assistance Service is able to provide all the indications and to respond to all the requests to take care of and keep your pedal-assisted bicycle perfectly efficient.

Cleaning

Cleaning the electrically power-assisted cycle is not only a matter of decorum but also allows any defects to be detected immediately. The battery must be detached and removed in order to wash the bike, preferably using a sponge and/or a soft cloth and water, with the possible addition of a specific neutral detergent and taking particular care when handling the electronic parts. It is strictly forbidden to aim pressurized water jets at the various electrical parts, the motor, display, and battery. After washing, it is important to dry all the washed components, as well as the frame and the braking surfaces with a second soft cloth and/or dry completely with low-pressure compressed air and check that no residual moisture has remained on the electrical components. If there are stains on the body of the scooter, wipe them with a damp cloth. If the stains persist, apply neutral soap, brush out with a toothbrush, then wipe with a damp cloth. Do not clean the items with alcohol, petrol, paraffin, or other corrosive or volatile chemical solvents to prevent severe damage.

DANGER

All the cleaning operations of the electrically power-assisted cycle must be performed with the battery removed. Water seeping into the battery may cause damage to internal circuits and risk of fire or explosion. Should you suspect that water may have entered the battery, stop using the battery immediately and return it to your dealer's after-sales service for checking.

Preservation and storage

If the electrically power-assisted cycle needs to be stored and will not be used for extended periods of time, it must be kept in a dry, cool, closed space, that is ventilated if possible. **The following operations should also be carried out:**

- Perform a general cleaning of the electrically power-assisted cycle.
- Remove the battery supplied with the pedal-assisted bicycle from its housing and, after deactivating it through its key or switch (if present), store it in a dry environment, away from flammable materials (for example materials that could explode in flames), preferably at an internal temperature of 15-25°C, never below 0°C or above + 45°C and perform periodic charging cycles to prevent the voltage level of the same from being excessively reduced, causing the risk of damage and loss of efficiency.
- Protect exposed electrical contacts with antioxidant products.
- Grease all surfaces not protected from paint or corrosion treatments.

CAUTION

Do not keep or store the bike outdoors or inside a vehicle for a prolonged period of time. Excessive sunlight, overheating, and excessive cold accelerate tire aging and jeopardize the life of both the item and the battery. Do

not expose it to rain or water or immerse it in water to wash it.

Lifting

The weight of the electrically power-assisted cycle means it must be lifted by two adults taking extra care to avoid the risk of personal harm (crushing and injury) or damage to property (knocks and impacts).

DANGER

Transportation

To ensure the safe transport of the pedal-assisted bicycle, inside the passenger compartment of the vehicle used for transport or outside (e.g. bicycle carrier), in addition to providing for the preventive removal of the battery and the accessory components installed on it, perform the relative anchoring through the use of appropriate fastening materials (bands or cables) and coupling devices in good condition and installed so as not to damage the frame, cables and other parts of the product. It is the user's responsibility to ascertain the suitability of the equipment used to transport the bike by fitting and installing devices (e.g. bike racks) in accordance with the legal requirements of the country in which it is ridden.

CAUTION

The manufacturer is not liable for any breakages caused by lifting and/or transporting the electrically power-assisted cycle after delivery.

Liability and general terms of warranty

The rider assumes all liability for any injury when not wearing a helmet or other protective devices. **The driver must respect current local regulations regarding:**

1. the minimum age allowed for the driver,
2. restrictions on the type of drivers who can use the product
3. to all other regulatory aspects

The driver must always keep the product clean and in a perfect state of efficiency and maintenance, diligently perform the safety checks he/she is responsible for as described in the previous section, not tamper with the product in any way and keep all the maintenance documents.

M.T. Distribution shall not be liable for any damages caused and is in no way responsible for damages caused to property or persons when:

- the item is used incorrectly or in a manner that does not comply with the instructions of the user guide;
- the following purchase, the item is modified or tampered with in all or some of its components.

In case of malfunction of the product for reasons not attributable to improper behavior of the driver and in case you want to consult the general terms of warranty, please contact your dealer or visit the website www.urbanchicemobility.it The Legal Guarantee never covers any Product faults or malfunctions caused by accidental events and/or events attributable to the Purchaser, or due to use of the Product in non-compliance with its intended use and/or with the provisions of the technical documentation attached to the Product, or due to failure to regulate mechanical parts, the natural wear of consumable materials, or due to assembly errors, lack of maintenance and/or use of the said product in non-compliance with the instructions.

For example, the following are to be considered excluded from the statutory guarantee regarding products:

- damage caused by impacts, accidental falls or collisions, punctures;
- damage caused by use, exposure or storage in an unsuitable environment (e.g. presence of rain and/or mud, exposure to humidity or excessive heat, contact with sand or other substances);
- damage caused by failure to adjust for road use and/or maintenance of mechanical parts, mechanical disc brakes, handle-bars, tyres, etc.; incorrect installation and/or assembly of parts and/or components;
- the natural wear and tear of consumable materials: mechanical disc brakes (e.g. pads, calipers, disc, cables), tires, stands, gaskets, bearings, led lights and bulbs, kickstand, knobs, mudguards, rubber parts (stand), wiring cable connectors, grilles and stickers, etc.;
- improper maintenance and/or improper use of the bike battery;
- tampering with and/or forcing parts of the product;
- incorrect or inadequate maintenance or alteration of the product;
- improper use of the product (e.g.: excess load, use in competitions and/or for commercial or rental activities);
- maintenance, repairs and/or technical interventions on the product carried out by unauthorized third parties;
- damage to the products resulting from transport, if carried out by the purchaser;
- damage and/or defects resulting from the use of non-original parts.

Please see the latest version of the warranty terms available at www.urbanchicemobility.it/assistenza/

Information on disposal

CAUTION

Handling of the electrical or electronic device at the end of its service life (applicable in all European Union countries and in other European systems with separate collection systems)

This symbol on the product or packaging indicates that the product should not be considered as normal household waste, but should be taken to a facility authorized to dispose of waste from electrical and electronic equipment (WEEE). By ensuring the item is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which may otherwise be caused by inappropriate disposal. Recycling materials will help to preserve natural resources. For more detailed information about the recycling and disposal of this item, you can contact the local waste disposal service or the point of sale where you purchased it.



In any case, disposal must be carried out in accordance with the legislation in force in the country of purchase. **More specifically, consumers must not dispose of WEEE as municipal waste, but must dispose of this type of waste separately, in one of two possible ways:**

- By taking it to municipal collection centers (also called eco-collection centers or recycling facilities), directly or through the collection services of municipal companies, where available.
- By taking it to shops selling new electrical and electronic equipment.

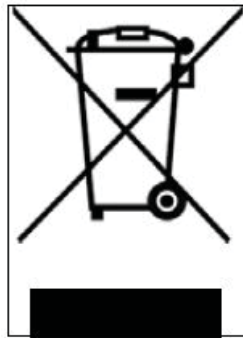
Here, very small items of the WEEE type (with the longest side less than 25 cm) can be left free of charge, while larger ones can be left on a 1-for-1 basis, i.e., you can leave the old item when you buy a new one having the same function. Moreover, the 1-on-1 mode is always guaranteed when the consumer purchases a new EEE, regardless of the size of the WEEE. In the event of improper disposal of electrical or electronic equipment, the specific sanctions provided for by current legislation on environmental protection may be applied. If the WEEE contains batteries or accumulators, they must be removed and subjected to a specific separate collection.

CAUTION

Treatment of spent batteries (applicable in all countries of the European Union and in other European systems with separate collection system)

This symbol on the product or packaging indicates that the battery pack should not be treated as normal household waste. On some types of batteries, this symbol may be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead.

By ensuring that the batteries are disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which may otherwise be caused by inappropriate disposal. Recycling materials will help to conserve natural resources. In the case of products that, for reasons of security, performance or data protection require a fixed connection to an internal battery/battery, the same must be replaced only by qualified service personnel.



Deliver the product at the end of its service life to collection centers suitable for the disposal of electrical and electronic equipment: this ensures that the battery inside it is also treated correctly. For more detailed information about the disposal of the dead battery, contact the local waste disposal service or the shop where it was purchased. In any case, disposal must be carried out in accordance with the legislation in force in the country of purchase.

EC Declaration of Conformity

according to the EC Machinery Directive 2006/42/EC, Annex II 1.A.

This declaration of conformity is issued under the sole responsibility of the manufacturer.

- **Manufacturer:**

- Asiabike Industrial Limited 114, Old Galle Road, Henamulla, Panadura, Sri Lanka.

- **Authorized representative:**

- Platinum By MT Distribution srl Via Bargellino 10 C/D, 40012, Calderara di Reno (BO)

- **A person authorized to compile the technical file:**

- Jigang Guo

Object of the declaration

Model code	Generic denomination	Trademark	Serial identification number (s) and/or batch number (s)
LN-BI-220001	Ypsilon Incanto	LANCIA	LN0122XXXXX

The object of the declaration described above fulfils all the relevant provisions of the following Directives:

- Directive 2006/42/CE on machinery.
- Directive 2014/30/EU on the harmonization of the laws of the Member States relating to electromagnetic compatibility.
- Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Harmonized standards or other technical specifications applied:

EN ISO 12100:2010	EN 63000:2018
EN 15194:2017	

Place of issue

Calderara di Reno (BO), Italy

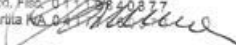
Date of issue

22/03/2022

Name, function, signature

Alessandro Summa, CEO

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Documents / Resources



[LANCIA e-bikes Electric Bike Range](#) [pdf] User Manual
e-bikes Electric Bike Range, e-bikes, Electric Bike Range, Bike Range

References

- [Homepage - Ypsilon Urban e-Mobility](#)
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