

- ① control panel
- ② rechargeable battery
- ③ battery charging connector
- ④ battery switch
- ⑤ controller
- ⑥ electric motor
- ⑦ motor connector
- ⑧ PAS sensor
- ⑨ folding joint


CARRIER RECHARGEABLE BATTERY

There is a red **rocker switch** on the right side of the bottom of the battery (0 - OFF, 1 - ON). Turn on the battery (position 1) before riding. **Store the battery turned off (position 0).**


The battery is secured by a **key lock**. The lock is on the left side. When turning the key by 180° to the left you will open the lock, when turning the key by 180° to the right you will secure the lock (see the illustration on the lock).

Keep your battery locked, unlock it only when there is a need to remove it. We recommend checking the battery is locked before riding and when parking in order to avoid any damage or theft.

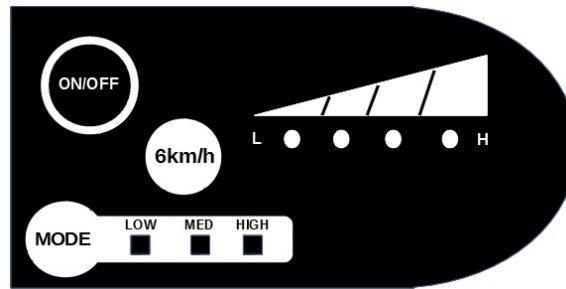
If you want to **remove the battery**, first you need to unlock its lock (see above). You will unplug the battery by pressing the carrier with your thumb while positioning the index, middle and ring finger on the battery groove on the bottom part of the battery and pulling the battery backwards. You will **plug in the battery** by inserting it to the dock station. Please remember to secure the battery in the dock station by the lock (see above). Make sure the battery is inserted to the stop, otherwise you will be unable to lock it. **Insert and remove the battery from/into the dock in a horizontal position tightly in line with the battery dock.**

There is a **LED charge indicator** on the upper part of the battery. Push the  button for an indication. 4 diodes = the battery is charged > 80 %, 1 red diode = the battery is charged < 20 %. **Charge the battery as soon as possible if it indicates just one red diode.** The LED charge indicator operates only when the battery is on (position 1). The charge status can also be found on the display (see below).

There is a **charging connector** on the left side of the battery with a rubber plug. You can keep the battery in the carrier while charging or remove the battery from the dock.

There is a  button on the upper side of the battery for **turning on/turning off the rear light**, which is integrated into the battery and powered by 2 AA batteries.

LED CONTROL PANEL



You can switch on the power supply of the e-bike motor by pressing the red button **ON/OFF** (*top, left*) for a few seconds. You can switch off the power supply of the e-bike motor by briefly pressing the red button **ON/OFF** (*top, left*).

By briefly pressing the green button **MODE** (*down, left*) you will select the motor assistance level: **LOW**, **MED**ium, **HIGH**.

Charge indicator (*top, right*) shows the charge level: **L (LOW)** or **H (HIGH)**. 4 diodes = the battery is charged > 80 %, 1 diode = the battery is charged < 20 %.

Charge the battery as soon as possible if it indicates just one diode.
The charge status can also be found on the battery (see above).

The white button **6km/h** (*in the middle*) serves as the activation of a walk assistance. The walk assistance facilitates control of the e-bike (for example when pushing the e-bike uphill). By pressing the „6km/h“ button you will activate the assistance and the e-bike will move at the speed of 4-6 km/h. By releasing the „6km/h“ button you will deactivate the assistance.

This function is to be used only for the e-bike control (pushing), not when setting off or riding!

The LED control panel will be deactivated after approximately 5 minutes of inactivity.

The control panel cover is made from ABS plastic, which ensures durability for common use. Do not expose the control panel to temperatures below -20 °C and above 60 °C.

EU DECLARATION OF CONFORMITY

PRODUCT:

Electric bicycle LOVELEC Lugo

NAME AND ADDRESS OF THE MANUFACTURER:

KOEXIMPO, spol. s r.o.

Lípová 1986

737 01 Český Těšín

The Czech Republic

VAT Number: CZ18055826

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

OBJECT OF THE DECLARATION:

Electric bicycle LOVELEC **Lugo** is electrically power assisted bicycle EPAC. It is electrically power assisted bicycle with continuous rated power of 0,25 kW. The electric power cut off if the cyclist stops pedalling or if electric bicycle reaches 25 km/h speed. The motor is powered by the Lithium-Ion battery with the total voltage 36 V. The variants of this product may differ in design or some technical parameters. The electric bicycle is designed for private and commercial use.

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive 2006/42/EC Machinery (MD)

Directive 2014/30/EU Electromagnetic compatibility (EMC)

Directive 2014/35/EU Low voltage (LVD)

Directive 2011/65/EU Hazardous substances in electrical and electronic equipment (RoHS)

Directive 2001/95/EC General product safety (GPSD)

Regulation EC 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)


References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:

EN 15194:2017	Cycles – Electrically power assisted cycles – EPAC Bicycles
EN ISO 4210-2:2015	Cycles – Safety requirements for bicycles – Part 2: Requirements for city and trekking, young adult, mountain and racing bicycles
EN ISO 12100:2010	Safety of machinery – General principles for design – Risk assessment and risk reduction
EN 60947-5-5:1997	Low-voltage switchgear and controlgear – Part 5-5: Control circuit devices and switching elements – Electrical emergency stop devices with mechanical latching function
EN ISO 13854:2019	Safety of machinery – Minimum gaps to avoid crushing of parts of the human body
EN ISO 13857:2022	Safety of machinery – Safety distances to prevent hazard zones being reached by upper and lower limbs
EN ISO 14118:2018	Safety of machinery – Prevention of unexpected start-up
EN 614-1+A1:2009	Safety of machinery – Ergonomic design principles – Part 1: Terminology and general principles
EN IEC 62368-1:2020	Audio/video, information and communication technology equipment – Part 1: Safety requirements
EN 60529:1991	Degrees of protection provided by enclosures (IP Code)
EN 60947-3:2009	Low-voltage switchgear and controlgear – Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units
EN ISO 13849-1:2015	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design
EN 61000-6-3:2007	Electromagnetic compatibility (EMC) – Part 6-3: Generic standards – Emission standard for residential, commercial and light-industrial environments
EN 55014-1:2017	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission

Signed for and on behalf of: KOEXIMPO, spol. s r.o.

Český Těšín, 1. 1. 2023


Mgr. Marek Glac
CEO

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