

1893



ITALIA

OLYMPIA

MAGNUM

User Manual

**Congratulations on your purchase of a new Olympia
MAGNUM.**

**For safe and compact shipping, we have dispatched
your OLYMPIA MAGNUM partly assembled. It
therefore requires some assembly work before you
can start riding your bicycle.**

**We strongly recommend that you take time to
read this manual and become familiar with your
OLYMPIA MAGNUM before riding it.**

**Please follow the assembly instructions carefully.
If you do not feel confident enough to assemble
your bike yourself, we recommend asking your
local dealers for professional help and advice.**

OLYMPIA

MAGNUM SPECIFICATIONS

CONCEPT AND DESCRIPTION

OLYMPIA MAGNUM senses how much input is coming from the rider and generates pedal ride assistance based on each rider's performance. MAGNUM has a maximum continuous rated power of 0.25KW with

progressively decreasing output until it finally cuts off as it reaches a speed of 25km/h or sooner, if the cyclist stops pedalling. MAGNUM provides 5 different power assist levels: 1, 2, 3, 4, 5.

MAGNUM TECHNICAL SPECIFICATIONS

Frame:	Woman 27.5" (43cm) / Man 27.5" (49cm)
Fork:	RST Alloy suspension
Gear shifter:	8 speed Shimano Acera
Wheels:	Alloy anodized 27.5" double wall rims
Tyres:	Veetireco Gridlock 27.5" x 2.50
Brakes:	Shimano BR-MT 200 / Zoom Front & Rear Disc
Disc:	Shimano RT-10
Mudguard:	Alloy
Stand:	Deluxe alloy safety sidestand

POWER SUPPLY

Motor:	Ananda Oli Epta 68Nm brushless motor high torque with 250W max power
Battery:	LG 36V cells
Battery Capacity:	720 Wh
Power delivery:	Pedal Assist Mode
Charge time:	6 - 8 hours

*Cicli Olympia reserves the right to make modifications and technical improvements to its products, and to cancel end-of-line items at its discretion at any time without notice. Dimensions and descriptions in this literature are therefore not binding.

SAFETY CHECKS

OLYMPIA MAGNUM can be ridden by anyone of 14 years of age and older. Cyclists must comply with all traffic regulations.

Do not ride over 25km/h.

- Although there is no legal requirement to wear a helmet , we recommend that you do so
for your own safety.
- Never carry another person on the rear rack.
- Ensure battery is charged each time before riding
your bicycle.
- Check the efficiency of the gear shifter and of both front and rear brakes.
- Ensure that the tyres are inflated to the correct pressure; do not overinflate.
- Make sure that the pedals are tightly fixed to the cranks and that the handlebars are correctly fixed and adjusted.
- Make sure that the seat is adjusted to the most suitable height for the rider,
that
the lights work and all the bolts and nuts are tight.
- Keep the battery, control unit, and motor away from water to prevent shock and shorting.
- Do not ride the bicycle in heavy rain. Do not expose it to extreme temperatures.
- Do not attempt any sort of jump or stunts while riding your
OLYMPIA MAGNUM.

Caution: be extremely careful on slippery or unsteady surfaces such as ice, snow or sand to prevent uncontrolled sliding.

ASSEMBLY INSTRUCTIONS

1. CENTRE AND TIGHTEN THE HANDLEBARS ACCORDING TO THE FOLLOWING PROCEDURE: 2. FITTING THE PEDALS

Pedal axles are marked with "L" & "R" for left and right. Start by fitting the pedals by hand and make sure that they are not cross-threaded before tightening hard with a spanner.

➡ **Right:** Insert the right-hand pedal (marked R) and tighten it in a clockwise direction.

R.H.



➡ **Left:** Insert the left-hand pedal (marked L) which has a reverse thread and needs to be tightened in an anti-clockwise direction. Tighten all the way but not too hard.

L.H.



INSTRUCTIONS FOR USE

The assisted technology on this model is of the twist sensor type. This means that when the cranks are turned, the motor starts, according to the power applied to the pedals.

Power assist is provided by the central motor to the drivetrain **(A)** which draws electrical current from the battery **(B)**. The electric current supplied by the battery is regulated by the display on the handlebars **(C)**. Power supply to the motor can be stopped through the on/off button located on the display **(D)** or by just stopping action on the pedals (pedal stroke is no longer detected).



A



B



C



D

START

1. Install the battery on the down tube to a perfect fit, until the battery contacts are firmly inserted in the special connecting plate.



2. Lock the battery with the key pushing it in the right position; the lock is automatic.



3. Press the on/off button on the display to the left of the handlebars.



4. For all display functions, refer to the enclosed manual.



BATTERY: BATTERY CHARGE

Prior to using for the first time, the battery must be fully charged. For first time charging charge for 8 full hours. The charger light will turn to green when fully charged. If the charge is not complete, this could affect battery performance - which

is not covered by the battery warranty.

Charge the battery regardless of the length of your ride, do not let the battery run flat before charging.

 **Regular use:** Always charge the battery after every ride, regardless of the amount of charge that has been used.

 **Occasional use:** Recharge the battery at least once a month, regardless of the amount of charge that has been used. When the bicycle is not used for prolonged periods of time, store in dry and cool place.

 **IMPORTANT:** The battery will reach its rated capacity after at least 6/8 complete charge and discharge cycles.

HOW TO STORE YOUR BICYCLE

If you are about to store your bike for prolonged periods of time, ensure that the battery is fully charged and then recharge it once a month. The battery discharge rate is approximately 5-10% each month while not in use.

Store the battery in a cool and dry place.

The above are critical battery maintenance requirements to ensure optimum battery performance. Failure to follow these instructions may damage the battery pack and result in unsatisfactory battery performance not covered by the battery warranty.

BATTERY CHARGING PROCEDURE

➤ **1.** Gently remove the battery from the carrier.



➤ **2.** Only use the provided charger to charge the battery.



Battery Charger Data

Input AC100V - 240V ~90W 50/60Hz

Output 36V 3A

(For a 36V / 20 Ah li-ion MAGNUM battery)

Charge the battery in a dry and cool place.

First, plug the battery charger into the battery socket and then plug the charger into the power outlet.

Let it charge for 6-8 hours. When the battery is fully charged, the light on the battery charger will turn green.

➤ **3.** The battery can also be charged while installed on the bicycle.



BATTERY SAFETY MAINTENANCE

- The battery can be charged while installed on the bike, or it can be removed.
- It is recommended to use only the supplied battery charger to charge your MAGNUM battery pack.
- Using a different battery charger may damage the battery and may also result in hazardous situations.
- Do not use the MAGNUM battery charger to charge different battery packs.
- Make sure that the battery charger voltage is suitable for the local mains voltage.
- Always connect the battery charger to the battery first and then to the power outlet.
- Do not charge outdoors, but always in a sheltered, cool and dry environment, ensuring good ventilation during charging.
- Operating or storing the battery in excessively cold or hot places will result in lower efficiency and shorter battery life.
- We recommend keeping the battery at room temperature, during periods when it is not being used.
- Avoid storing the battery outdoors to prevent damage, as this will affect the battery working life.
- Do not charge the bicycle by exposing it to direct sunlight.
- Do not leave the battery permanently connected to the power mains.
- Remove the battery from the battery charger after completing the charging process.
- Do not cover the battery or the charger when charging.

- Stop charging the battery immediately if it overheats or if you notice any unusual smell or other unusual events.
- Return it to your local dealer for repairs.
- Do not attempt to disassemble or alter the battery or battery charger.
- Do not wet the battery to avoid electric shock or shorting, and store it in a cool, dry place.
- Do not expose the battery to open flames or extreme temperatures.
- Do not short-circuit the battery.
- Avoid exposing the battery to impacts.
- Do not drop it or shake it violently.
- When flat, the battery must be charged immediately. When a battery runs flat, its working life is shortened.
- Keep the battery and the battery charger out of the reach of children.
- Dispose of the battery at designated facilities for this purpose.
- Battery care is essential for a long life.

GEAR SHIFTER

The Shimano 8 speed gear shifter in an electric bike is not connected to the motor - which allows the rider to freely choose a gear.

The right-hand gearshifter control controls the 8-speed rear sprocket.

Turn the control to shift gears. Shift one gear at a time and only while pedalling.



N.B.: If you are riding uphill, use gears 1 to 4: a twist sensor will detect the pedal action and supply sufficient power assistance to help you over uphill stretches.

LIGHTS

36V Rear light



Front battery light.



The lights are turned on and off by pressing the [+] button on the display for 2 second.

LOCK

IN ITS HOUSING:



REMOVING FOR USE:

Tie the bike securely to a secured parking space.



SEAT

Adjust the seat height correctly. When adjusting the seat height, ensure that the max adjustment mark on the seat post is not visible.

BRAKES

Make sure that the brakes are always correctly adjusted.
Replace the brake pads when they are worn by contacting your dealer.
If you have any doubt, please contact your local dealer.

TYRES

Regularly check the tyres to ensure the right pressure at all times.
Do not overinflate the tyres, as excessive pressure may damage them.

MAINTENANCE

Your electric bicycle should be submitted to regular maintenance to ensure safe use at all times.

If you regularly use your bicycle, have it serviced by your local dealer at least once a year.

Keeping the surface of the vehicle clean ensures optimal long-term performance.

To avoid damaging the electrical parts, we recommend keeping the bicycle clean and removing any dirt.

Check that all critical nuts and bolts are tight.

The chain, the brakes and the various pivot points should be lubricated every three months.

IMPORTANT

Do not immerse the motor or other electrical parts in water. The system is not designed to withstand even partial or temporary immersion.

CLEANING THE BICYCLE

Cleaning the electrical parts:

Use a dry cloth to remove dust from electrical parts.

Do not use water/liquid detergents to clean the electrical parts (such as the motor, the control unit, the battery, etc.)

Cleaning standard parts:

Use a dry cloth or detergent to remove any dust from the bike. Use a chain cleaner and two different types of solvent, a degreaser and a detergent, to effectively clean the chain by removing all dirt.

Clean the lubricated parts (gear shifter, drivetrain and chain rings) with a brush and solvent, without letting any solvent drip onto the hub or the bottom bracket.

IMPORTANT

Do not use high pressure cleaners or water jets to clean the motor system (motor, display, battery, connectors) or parts of this bicycle.

❗ IMPORTANT ❗

Our bicycles are guaranteed for users weighing up to 100kg.

❗ IMPORTANT ❗

Every 500 km, check the tightening level of the three main load-bearing screws, positioned on its engine frame structure.

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