

ORIGINAL INSTRUCTIONS | US-ENGLISH

- Never open the battery! Attempting to open a battery increases the risk of explosion!
- Keep the battery away from heat (e.g. strong sunlight), open fire or water or other liquids.
- Only use the battery in e-bikes equipped with an original FAZUA RIDE 60 drive system. Never use the battery for other purposes or in other drive systems.

 **DANGER**

Fire hazard due to incorrect handling!

Improper handling of the battery and/or charger or attempting to charge batteries with an incompatible charger could cause a fire.

- Only use original and compatible components from FAZUA with each other! Do not attempt to charge an unfamiliar battery with the FAZUA charger and do not attempt to charge the FAZUA battery with an unfamiliar charger.
- The charger and battery heat up during charging, so keep away from combustible materials and do not leave the two components unattended during charging. During charging place the charger and battery on a well ventilated surface.
- Never attempt to charge non-rechargeable batteries!
- Take care not to handle metal objects such as coins, paper clips, screws, etc. in the immediate vicinity of the battery and to store the battery separately from metal objects. Metal objects can close a circuit between the terminals of the battery (i.e. "short-circuit" the battery) and cause a fire as a result.
- Do not short-circuit the battery.

 **DANGER**

Risk of electric shock!

Improper handling of the charger or incorrect mains connection may expose you and others to the risk of electric shock.

- Only connect the charger to an easily accessible and properly installed power outlet.

- Make sure that the mains voltage at the mains connection corresponds to the information on the charger.
- Only use the charger in dry indoor areas.
- Keep the charger away from any liquid or moisture.
- Do not pull on the cables, but always grasp the corresponding plug when disconnecting the connectors.
- Do not handle the plugs of the charger with wet or damp hands.
- Take care not to bend the charger cable or lay them over sharp edges.
- Do not open the charger without authorization. The charger may only be opened by an authorized specialist and repaired using original spare parts.
- Before each use of the charger, check all individual parts (mains adapter, mains cable, charger cable and all plugs) for damage. If the charger's power cord is damaged, it must be replaced by the manufacturer, their customer service or a similarly qualified person, to avoid hazards.
- Never use a damaged charger. Otherwise there is a high risk of electric shock!
- Keep the charger in a clean condition. There is an increased risk of electric shock if the charger is dirty or contaminated.

⚠ DANGER

Dangers during unattended use!

If children (younger than 14) or people with physical or mental impairments handle the battery or charger, there is an increased risk potential as these user groups may not be able to correctly assess certain risks, for example.

- This appliance is not intended for use by children (younger than 14) and persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children shall not play with the appliance.
- Only for rechargeable li-ion battery.

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- Do not attempt to disassemble the charger by yourself.
- Do not use the charger in high temperature, moist, inflammable or explosive outdoor environments.
- Disconnect the power supply before marking or breaking the connections to the battery.

 **DANGER**

Danger of impairment of medical devices!

The magnetic connections in the battery and charger can interfere with the function of pacemakers.

- Keep the battery and charger away from pacemakers or persons wearing a pacemaker and draw the attention of persons with pacemakers to the danger.

 **DANGER**

Risk of caustic burns due to battery acid!

The battery contains battery acid. If you come into contact with this fluid, the affected skin area and/or mucous membrane may be burnt. Eye contact can cause loss of vision.

- Do not touch any liquid leaking from the battery.
- If you have come into contact with liquid leaking from the battery, immediately rinse the affected part of the body thoroughly under plenty of running water.
- Consult a doctor immediately after rinsing, especially in case of eye contact and/or if mucous membranes (e.g. nasal mucosa) are affected.

 **WARNING**

Health hazard due to irritation of the respiratory tract!

If the battery is damaged, gases may escape which may irritate the respiratory tract.

- Protect the battery from mechanical influences and any other load.
- If you notice or suspect that gas is leaking from the battery, immediately ensure a supply of fresh air and seek medical attention as soon as possible.

⚠ WARNING
Risk of burns!

The cooling unit on the drive unit can become very hot during operation and you may burn yourself when touching it.

- Be careful when handling the battery. If necessary, allow the drive unit to cool down completely first.

NOTE
Risk of damage!

Improper handling can damage the drive system or individual components.

- Before inserting the battery, make sure that the contacts inside the drive unit and on the battery are dry. If the contacts are damp or wet when inserted, the battery may be damaged.
- When charging the battery, make sure that the cable labels of the charger are not trip hazards in order to prevent components from being damaged, e.g. by a fall.
- Always make sure that the cover flap of the charging socket on the e-bike is closed correctly and completely to ensure that no dust or splash water can enter the charging socket.

27 USING THE BATTERY

27.1 Inserting the battery on the e-bike/removing it from the e-bike



This applies only if your e-bike is equipped with a removable battery (See Chapter 23 "Function and model variants of the battery").

27.1.1 Inserting the battery

⚠ DANGER
Risk of explosion and fire!

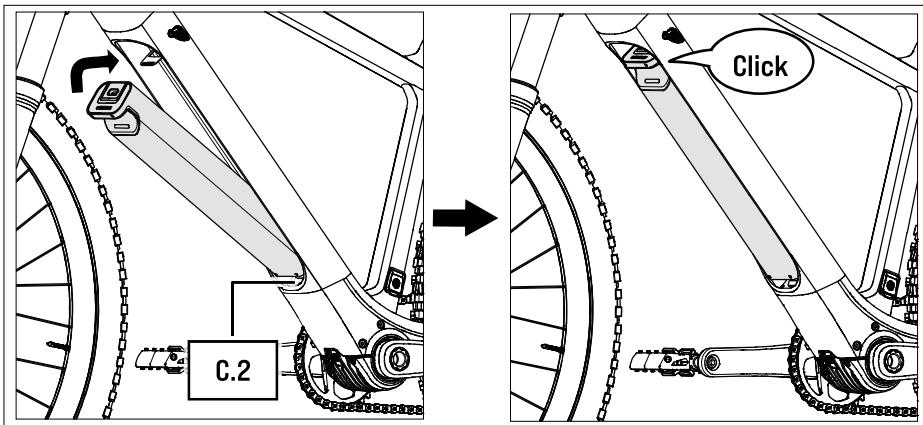
A damaged or dirty battery may explode and/or cause a fire.

- Never insert a damaged battery into the e-bike.

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- Check the battery for visible damage, such as cracks or burn marks, before each insertion.
- Make sure that the interfaces on the battery are free of dirt before using it.

1. Check the battery for visible damage before insertion [visual check].
2. Place the battery with the interface **C.2** first on the corresponding interface on the e-bike.



3. Swing the upper end of the battery into the down tube of the e-bike.

The battery is automatically locked in place when the two interfaces on the battery and e-bike are correctly interlocked and the battery is swiveled fully into the designated receptacle on the down tube. An audible engagement sound ("click") is heard when the device engages.

Contact an authorized specialist if the battery cannot be inserted/if the battery does not (audibly) engage on the e-bike.

27.1.2 *Removing the battery*

⚠ WARNING

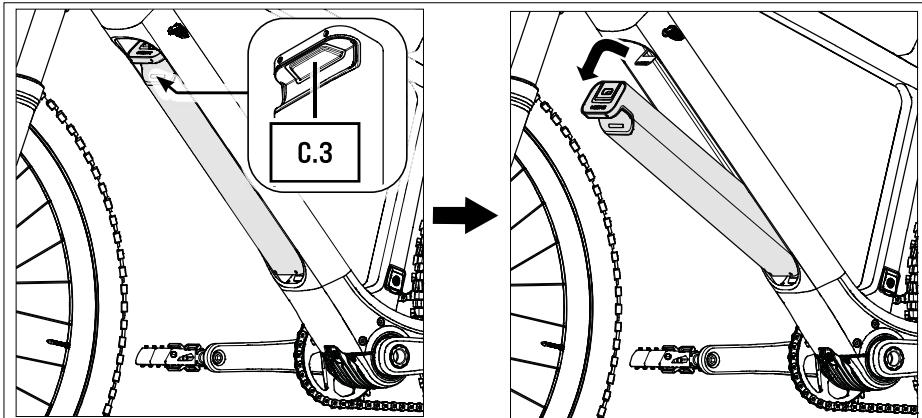
Risk of burns and injury!

The cooling unit on the drive unit can become very hot during operation and you may burn yourself when touching it. You may trap your fingers when removing the battery without due care.

- Be careful when handling the battery. If necessary, allow the drive unit to cool down completely first.

► When pressing the push button or removing the battery, be careful not to pinch your fingers.

1. Secure the battery with one hand.
2. Reach into the cutout on the battery and push the elastic pushbutton **[C.3]** in as far as it will go.



3. Press and hold the push button and gently pull the battery forwards out of the battery holder.
4. Remove the battery from the interface on the e-bike.

27.2 Checking the charge level and SOH of the battery



This applies only if your e-bike is equipped with a removable battery (See Chapter 23 "Function and model variants of the battery").

Checking the SOH/current charge level of the battery

→ Tilt the battery back and forth to check the current charge level (e.g., before or during a [longer] trip).

Depending on the charge level, different numbers of LEDs light up on the display in the battery section. Each LED represents 20% of the capacity. If all five LEDs are lit, the battery is fully charged.

IMPORTANT: The charge level indicator is not designed to be used during the charging process to ascertain whether the battery has already reached maximum charge or whether it can still be charged. You can use the LED indicator **[C.7]** on the charger for this purpose.

→ You can find detailed information here in Chapter 28.3 "Charging process".

Checking the SOH

The "aging state" of the battery, the so-called SOH ("state of health"), can be queried via the FAZUA Service Toolbox and via the FAZUA app.

→ For the query, connect the e-bike (with inserted battery) via the USB socket* to a computer with access to the FAZUA Service Toolbox or open the FAZUA app**.

28 CHARGING THE BATTERY

DANGER

Risk of electric shock!

Improper handling of the charger or incorrect mains connection may expose you and others to the risk of electric shock. Improper handling of the battery and/or charger or attempting to charge batteries with an incompatible charger could cause a fire.

► Read and follow the safety instructions in Chapter 26 "General safety instructions for the battery and charger" before charging the battery.

Regularly charge the battery via the charging socket **[C.5]** on the e-bike (See Chapter 28.2.1 "Charging the (integrated) battery in the e-bike").

If you have a removable battery, you can alternatively remove it from the e-bike and charge it separately (See Chapter 28.2.2 "Charging the battery separately").

The charging process can be interrupted at any time.

IMPORTANT: Charge the battery **only within the specified temperature range**. Charging outside the specified temperatures may damage the charger or battery.

→ Fully charge the battery prior to initial operation so that you can use the full capacity of the battery.

28.1 Prepare charger

1. Pick up the mains adapter **[C.6]** and the power cord **[C.9]**.
2. Plug the appliance plug **[C.10]** of the mains cable into the corresponding socket [on the mains adapter].

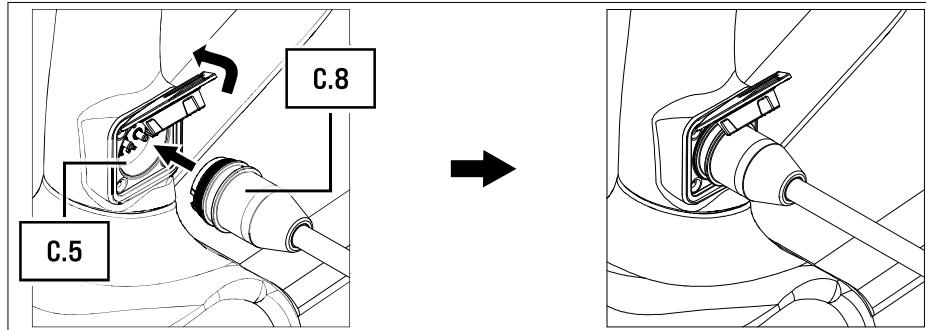
* The USB cable is not supplied.

** See in Chapter 5 "FAZUA app" for more information on the FAZUA app.

28.2 Connecting the charger

28.2.1 Charging the (integrated) battery in the e-bike

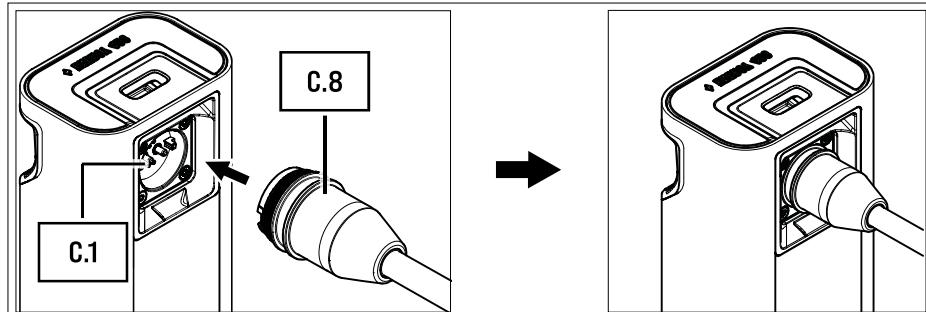
1. Open the cover flap to access the charging socket [C.5] on the e-bike.
2. Insert the charging plug [C.8] into the charging socket [C.5].



3. Plug the power plug [C.9] into a suitable wall outlet to establish the power connection.

28.2.2 Charging the battery separately

1. Remove the battery from the e-bike (See Chapter 27.1.2 "Removing the battery").
2. Insert the charging plug [C.8] into the charging connection [C.1] on the battery.



3. Plug the power plug [C.9] into a suitable wall outlet to establish the power connection.

28.3 Charging process

The charging process begins as soon as you have connected the charger to the e-bike or battery on one side and to the power supply on the other.

The flashing LEDs on the battery charge indicator indicate that the battery is being charged.*

* Applies only to removable batteries, not to permanently installed batteries.

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During the charging process, the **LED indicator [C.7]** on the mains adapter lights up **red** to indicate that the **battery is charging**.

When the color of the **LED indicator [C.7]** switches to **green**, this indicates that the **battery is fully charged**.

28.4 Unplug charger from battery

1. When charging is complete, unplug the mains plug **[C.9]** from the outlet to disconnect the charger from the mains.
2. Then disconnect the charger from the e-bike/battery by pulling the charging plug **[C.8]** out of the charging socket **[C.5]** on the e-bike or out of the charging connection **[C.1]** on the battery.

IMPORTANT: Close the cover flap of the charging socket again after the charging process and ensure that the charging socket is correctly closed.

3. If necessary, reinsert the battery into the e-bike.*
4. Then disconnect the mains cable **[C.9]** from the mains adapter **[C.6]** and keep the two parts separate.

29 CLEANING THE BATTERY AND CHARGER

NOTE

Risk of damage!

Improper cleaning can damage the battery or the charger.

- Never immerse the battery or the charger in water or other liquids. Keep liquids away from the battery and charger.
- Do not use aggressive cleaning agents for cleaning.
- Do not use sharp, angular or metallic cleaning objects when cleaning.
- Always keep all components of the e-bike and the drive system in a clean condition.



IMPORTANT: The cleaning instructions for the battery only apply to removable batteries (See Chapter 23 "Function and model variants of the battery"). If your e-bike is equipped with a permanently installed battery, you do not need to clean it separately!

* Applies only to removable batteries, not to permanently installed batteries.

29.1 Cleaning the battery

- Clean the exterior of the battery gently with a cloth or soft brush.
- If necessary, use a mild soap solution for the external removal of coarser soiling.

IMPORTANT: Dampen the cloth only slightly or wring it out well to prevent liquid from penetrating the inside of the housing and the contacts/interfaces. If liquid gets into the inside of the housing or into the contacts/interfaces, the battery may be damaged and electrical safety may be impaired.

- Wipe all surfaces dry after cleaning.

IMPORTANT: Pay particular attention to the contacts and interfaces between the battery and drive unit*: The interfaces may not be soiled or contaminated and must be completely dried before inserting the battery to avoid damage.

29.2 Cleaning the charger

- Clean the exterior of the charger gently with a cloth or soft brush.
- If necessary, use a mild soap solution for the external removal of coarser soiling.

IMPORTANT: Dampen the cloth only slightly or wring it out well to prevent liquid from penetrating the inside of the housing and the connections. If liquid enters the interior of the housing or the connections, the charger may be damaged and electrical safety may be impaired.

- Wipe all surfaces dry after cleaning.

* This applies only if your e-bike is equipped with a removable battery (See Chapter 23 "Function and model variants of the battery").



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