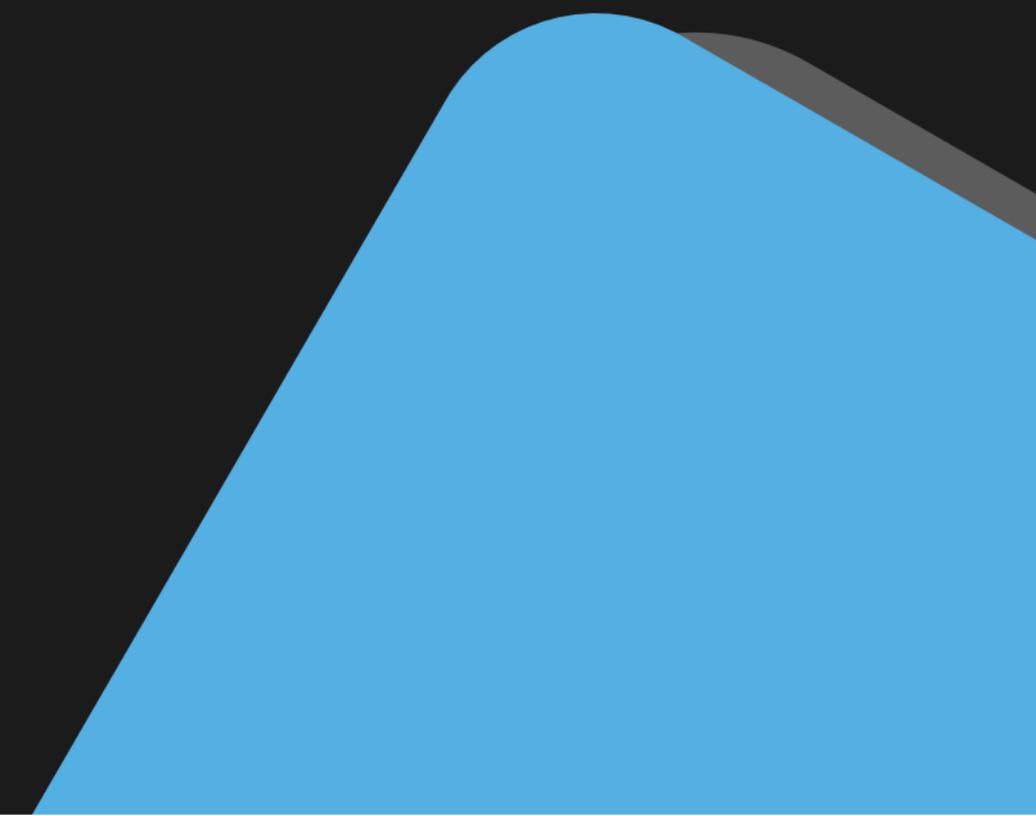


byqee **V21**

Installation and User Manual

English Version

2022



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Preface

Dear Customer,

Welcome to the Byqee family. We are so glad you start on this journey with us.

This guide applies to Byqee V21 model.

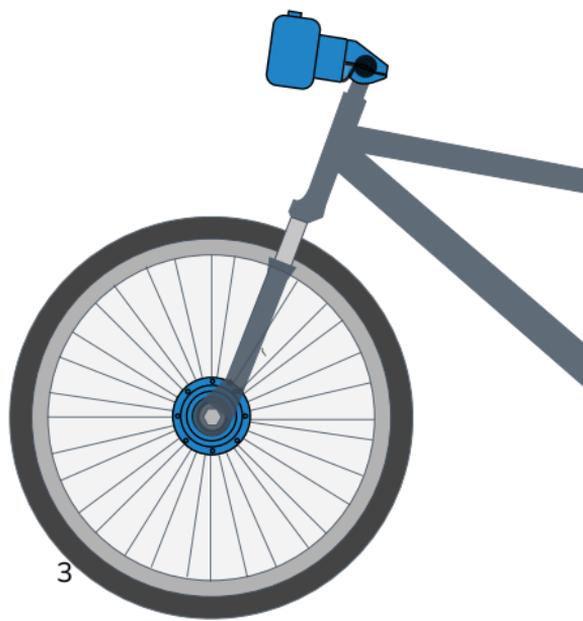
This product is designed for an environment friendly transportation.

Byqee assumes that all persons involved in the use, repair, maintenance, cleaning or disposal of this or any Byqee product have fully read and understood these instructions for use. In addition, Byqee does not accept liability for any injury or damage resulting from misuse of any Byqee product.

What is Byqee?

Byqee is an environment friendly electric bike conversion kit. It is a micro-mobility product that is an alternative to (daily) transportation, where you can assemble on your existing bike or your brand-new bike in a short time.

Byqee is a do-it-yourself project that you can carry wherever you go with its innovative compact design and ultra-light battery, is specially produced for you.



Appropriate Use

Always make sure all components are installed before riding. Neglecting this can cause problems in the future.

Always follow the rules specified for the cycling. Pay attention to the use of helmets and knee pads to reduce the risk of a possible accident and injury.

Wear suitable bright clothes and accessories to increase visibility while cycling.

To improve night vision, make sure night lights and taillights are working. If you do not have a headlight, be careful to use reflectors.

Learn and use bicycle hand signals. Always exercise caution when cycling, with or without a bike lane.



Prior Information

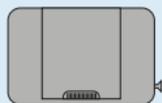
When the warning on the throttle indicator turns red, charge the battery, do not wait for it to be completely discharged.

When you want to use your bike electrically, use it by pedaling and pressing the gas. In this way, your range will increase and the battery life will be extended.

Since the maximum speed for bikes without license plates is 25km/h in accordance with the law, the maximum speed that Byqee packages can reach on straight roads is limited to 25km/h.



Battery Pack



Bracket



E-Motorized Rim



Charger



Throttle



Bracket Rain Cover



Battery Rain Cover



Cable Clips



Lever

Battery Pack

It is the power source of your bike. 36V, 5.2Ah; It has capacity. Never try to disassemble the battery. Do not use the Byqee battery pack without its case. Protect from damages. Make sure that metal objects or any conductive materials do not come into contact with connectors when you carry your battery pack. Definitely consult the Byqee team on any issue you think is a malfunction. Never try to repair or open the battery pack yourself, it contains flammable materials.

Battery Rain Cover

Protects the battery pack when used in light rain. It should be used to protect the connectors in light wet weather while driving with the battery attached to the bracket.

Bracket Rain Cover

In light rainy weather, sunny days and when your battery is not installed, the bracket rain cover must be attached to the bracket to prevent possible deformations and contact of the connectors with water.

Bracket

It is the hub of the battery pack. It provides power transfer between the power pack and the electric motorized wheel. Don't forget to put the protective cover on when you want to leave your bike outside.

E-Motorized Rim

It is the main drive-train unit of your bike. It is produced by Byqee according to the dimensions of your bike. Never try to break the integrity of the motor and protect it from impacts.

Throttle

It is the element that controls the motor. Using the throttle after starting with the pedal before accelerating the motor will increase your battery life. It has "On/Off Key" and "Led Indicators" on it.

Charger

It is the device that charges the battery pack. Avoid direct contact with heat. Do not leave it under the sun. You can charge the battery by inserting the DC connector into the battery charging socket on the back of the battery pack and connecting the AC connector to the home type AC socket. If the "red" light is on when you connect it to the charger, the battery is charging. When the "green" light is on, it means that the battery is fully charged, you can take the battery out of charge. You can only see that the battery is fully charged from the charger.

Installation

1. Charge your battery before starting the installation process. Take care to open the packages without losing or damaging the parts inside.



2. Remove the nuts on the front fork. Remove the ordinary front wheel, deflate the tire, then separate the tire from the rim (with the help of the tire lever or spoon handle). If you wish, you can do this by turning the bike upside down.



3. Put your ordinary rim aside and attach your tire to the e-motorized front rim (with the help of the tire lever or the back of the spoon) from the Byqee box.



4. Inflate your tire and place your tire. Install the motor nuts and tighten them with the wrench. Install the brake cable and check the other brake assemblies if any and be sure to start. The motor cable should remain on the right for 100mm motors and on the left for 74mm motors.



5. Place the bracket in the middle of the handlebar. Thread the belt that comes out of the Byqee package into the bracket's tabs so that it passes under the bike stem. Fix the bracket to the handlebar with the screws included in the package. Note: Make sure the rubbers and belt are installed correctly.



6. Remove the grip on the side where you will attach the throttle lever of the handlebar (you can easily do this by squeezing cologne into the grip). Remove the brake lever (optional).



7. Attach the throttle as you are comfortable and fix it with the help of the allen key.



8. Combine the cable coming out of the bracket with the cable coming out of the motor, while doing this, make sure that the arrows on the cables point to each other. Fix the cables without restricting the mobility of your handlebar with the clips included in the package.



9. Warning: As stated on the previous pages of this manual, Byqee team is not responsible for any damage caused by going beyond the installation instructions. Please follow the installation instructions completely and contact the Byqee team first in case of any problem!

Final Check After Installation

- Make sure you fully charge the battery, the battery is full. When full, the red light of the charger will turn green,
- The rounded sides of the nuts of both sides are facing the wheel,
- Make sure they are inserted properly and tightened securely,
- Make sure the tire pressure is okay.
- Make sure all brake connections are fitted.
- Make sure the fastening screws of the throttle and bracket are installed correctly and tightened adequately.
- Make sure the cord and rubbers are placed in accordance with the instructions.
- Make sure the motor and bracket wiring is done according to the instructions.

**Byqee is not responsible for any damage that may occur if the installation is not done in accordance with the instructions.*

Errors Encountered

I can't see any light on the throttle.

After making sure you have your battery in your bracket, press the button on the throttle.

*** (If you leave your Byqee kit outside for a long time in hot weather, bending of the bracket and battery parts may occur. Such cases that will cause contact failure are not covered by the warranty).*

My motor doesn't run or it jams.

When making your Bracket-Motor connection, the arrows on the cables should be facing each other.

*** (Motor replacement is not covered by the warranty in cases where the motor cables are crushed or broken as a result of incorrect assembly of the kit).*

I cannot use my Byqee kit up to the stated range.

When making your Bracket-Motor connection, make sure that the arrows on the cables are facing each other and are well intertwined. Also make sure your battery is charged for the specified time (3 hours for battery).

*** (Electronic and mechanical parts that will be changed in cases such as dropping or impacting the battery are not covered by the warranty).*

My Byqee bracket is shaking when I'm on the road.

A certain amount of vibration of the bracket is not a problem, on the contrary, it is a necessary condition to prevent damage to your bracket. It is intended to protect your kit from light pits and bumps that you pass over on the road. As long as you use the rubber and belt sent in the package according to your handlebar adjustment, your kit is safe.

*** (Byqee is designed for city use. Pitches should be avoided, braking should be controlled while passing over bumps. In such cases, damaged components are not covered by the warranty).*

Warnings

- Do not use in hard rains.
- In light rains, use the battery pack with a rain cover.
- When you remove the battery pack in light rain and heavy heat, put on your bracket protective cover.
- Do not leave your bike in the rain or sun.
- Do not step on the gas in corners and bends. bumps, pits, etc. Take care to avoid roads that will damage the Byqee system, especially if you do not trust your bike's shock absorbers.
- For your safety, make sure that you do not damage the Byqee system by passing through sudden bumps, potholes and elevations with the brake in a controlled manner.
- Do not step on the gas when descending a steep ramp. Descend down with the brake.
- Ride your bike with a helmet on.
- By law, only pedal-assisted vehicles are allowed on bicycle paths. Make sure to drive with pedal support on these roads.
- If your bike will not be used electrically, turn it off with the on/off button on the throttle.
- Never expose the battery pack to excessive heat.
- Do not leave the battery pack in the sun for a long time.
- Byqee usage temperature range should be minimum -5°C and maximum +30°C.

- Do not subject it to physical impacts such as hitting, throwing, dropping, etc.
- Never interfere with the products that come out of the package with cutting and piercing tools.
- Do not place any load on the battery.
- Do not compromise the integrity of the battery pack. Do not try to disassemble the battery.
- Avoid contact of the battery with metal surfaces.
- Avoid contact of the charging socket with metal surfaces.
- If the battery will not be used for a long time, store it in a dry, moisture-free, cool environment with a medium charge rate.
- When you do not use the battery, always insert the bracket cover into the bracket slot.
- Keep away from children and animals.
- Keep battery and motor away from high pressure areas.
- Do not use the charger where flammable or explosive gases are present.
- Except for the equipment out of the Byqee box; Do not use your Byqee kit with different equipment such as battery, motor, throttle, bracket.
- Do not use a different adapter to charge the battery.
- Take out the battery if you are not going to use it for a long time.
- Do not use the brake and throttle at the same time.

According to Traffic Regulations;

- Driving on pedestrian roads,
- Riding bicycles and mopeds on vehicle roads even though there is a separate bicycle path,
- Riding more than two bicycles side by side on one lane of the carriageway
- Getting other people on them unless there is sufficient seating behind the driver,
- Carrying more than one person, even if there is sufficient seating behind the driver,
- With these vehicles, while other vehicles are followed, passed and maneuvered; behaviors that make the movement of road users difficult and dangerous,
- Performing acrobatic movements on these vehicles, except for the shows performed with permission,
- Driving them by hanging and holding on to another vehicle,
- During their expulsion; Carrying baggage, packages and similar items in hand, loading cargo contrary to the rules in Regulations,
- Except for three-wheeled and specially manufactured motorcycles, using these vehicles for commercial purposes by having boxes, crates and the like on them, and driving them on highways,

...are PROHIBITED!



Keep in Touch!



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