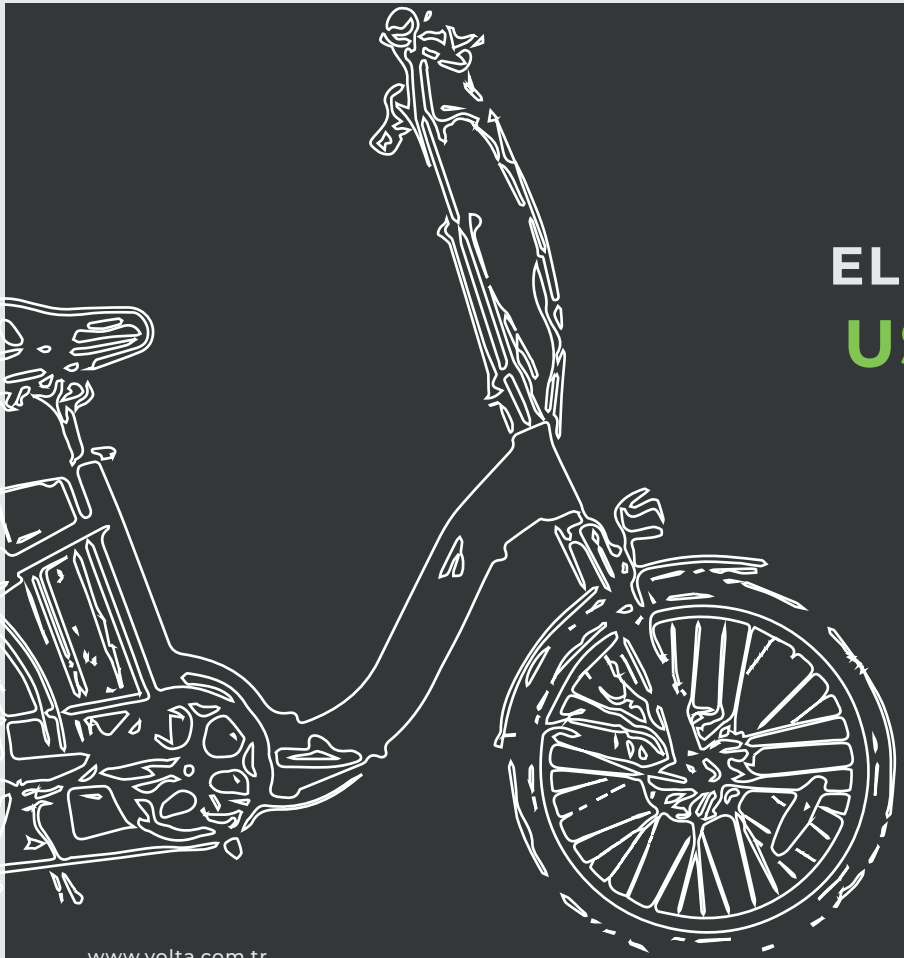


VOLTA

ELECTRIC BICYCLE
USER MANUAL

VB1

www.volta.com.tr

Please read this user manual carefully before using your vehicle

PREFACE

Thank you for choosing a Volta brand e-bike and for joining our family. This product is designed for environmentally friendly transportation. This user manual has been prepared to ensure the safe use of your e-bike. Before using your e-bike, please read the user manual carefully and follow all the warnings and procedures mentioned in the guide. By doing so, you will ensure that all settings of your e-bike are accurate and you will be able to enjoy a safe ride.

Your e-bike is an Electrically Power Assisted Cycle (EPAC) according to the EN 15194 standard. According to this standard, the system's maximum power is limited to 250W, and the support power is reduced and cut off once the bike speed exceeds 25 km/h.

Electric bicycles that comply with the EN 15194 standard have the same legal status as regular bicycles. Therefore, there is no requirement for a license, tax obligation, or age limit for the user of a pedal-assisted electric bicycle.

IMPORTANT NOTE

Riding

- This vehicle is designed to carry a maximum of one person and load.
- Please ensure that you do not exceed the load limits specified in the vehicle's certification document.

Road Condition

- This vehicle is designed for use on smooth and paved roads.
- Do not use the vehicle before reading the entire user manual.

Usage

- It is mandatory to follow the maintenance intervals specified in the user manual. Otherwise, your vehicle will be outside the warranty conditions.
- Aracınıza The maintenance intervals and parts that need to be replaced or checked for your vehicle are listed in this user manual.

NOTE

- Please carefully review the sections titled "Warning, Caution, Notes, and Safety Precautions."
- After purchasing your e-bike, you are required to take it to the nearest authorized service for the first maintenance after 1 month.

Pre-Usage Warnings

- It is mandatory to follow the maintenance intervals specified in the user manual. Otherwise, your vehicle will be outside the warranty conditions.
- The maintenance intervals and parts that need to be replaced or checked for your vehicle are listed in this user manual.
- Please carefully review the sections titled "Warning, Caution, Notes, and Safety Precautions."
- After purchasing your e-bike, you are required to take it to the nearest authorized service for the first maintenance after 1 month.
- Do not attach yourself or your bike to a vehicle. Do not ride with one hand. Only lift your feet off the pedals if road conditions require it.

CONTENTS

1. About EPAC

EPAC is an abbreviation for "Electrically Power Assisted Cycle" and refers to electrically assisted bicycles. These types of bicycles are equipped with an electric motor that activates when you pedal. The motor provides assistance to the rider's pedaling power during the ride, making it possible to travel longer distances with less effort.

Any bicycle equipped with an electric motor, electronic central unit and battery is considered an e-bike. The drive unit fills the role of an assistant who helps the rider to pedal and cares about his comfort. At the same time, the motor's assistance will only be activated if the rider is pedalling and actively rotating the cranks. The crank movement is read by a special sensor in the bottom bracket. The maximum speed of an e-bike with motor assistance is 25 km/h. After reaching this speed, the motor switches off automatically and the cycle continues as with normal bicycles. If the battery runs out or the electric motor is switched off, you can continue to your destination under your own power without further resistance.

The electric motor can also be driven by the control knob or accelerator, but only up to a maximum permissible speed of 6 km/h. This function is often referred to as gait assist, as it is impossible to reach higher speeds without the active assistance of the driver. The engine of these models switches off two seconds after you stop pedalling.

- E-bikes are electrically assisted bicycles that provide help when pedaling, up to a maximum speed of 25 km/h (15.5 mph).
- Depending on the bicycle model and the gear shift system, there may be a boost assistance that can accelerate the bike up to 6 km/h (4 mph) depending on the gear being used.
- Any e-bike that complies with the European standard EN 15194-1 is considered a regular bicycle under Road Traffic Law. A driver's license is not required for such an e-bike.

NOTE

We recommend the use of bicycle helmets for all e-bike users, without any discrimination.

CAUTION

Long rides with high assistance mode can lead to overheating and even damage to the motor in case of excessive load. If this happens, we strongly recommend reducing the assistance mode.

EU Declaration of Conformity

The EU Declaration of Conformity (DoC) is a mandatory document that must be signed by a manufacturer or an authorized representative to declare that their products comply with EU requirements. This document affirms that the product does not contain any substances that could pose a risk to consumer health and safety, is functional, and has been designed for its intended purpose.

Electric Power Assisted Bicycles (EN 15194:2017) manufactured by Volta Motor comply with the Electromagnetic Compatibility (2014/30/EU), Low Voltage (2014/35/EU), and Machinery Safety (2006/42/EC) directives.

Symbol	Description
CE	**Products marked with this symbol comply with all applicable European Economic Community regulations.**

What is a registration plate and is it necessary for bicycles?

Bicycle: It is a non-motorised vehicle that moves by turning the wheel with the pedal or hand with the muscle power of the person on it. Electric bicycles whose maximum continuous rated power does not exceed 0,25 KW, whose power decreases as it accelerates and whose power is completely cut off after reaching a maximum speed of 25 km / h or immediately after pedalling is stopped are also included in this class.

Registration plates are the plates whose qualifications and dimensions are specified in Article 53 of the Road Traffic Regulation in Turkey, which are attached to the vehicles and show that they are registered.

(Highways Traffic Law) Article 37 – Although it is not compulsory to obtain a driver's licence; it is compulsory for those who use bicycles to be 11 years old, those who use electric bicycles and electric scooters to be 15 years old, those who use non-motorised vehicles and animal drivers to be 13 years old and to be physically and mentally healthy.

Electric bicycles whose maximum continuous power does not exceed 0.25 KW (250 Watt), whose power decreases as it accelerates and whose power is completely cut off after reaching a maximum speed of 25 km/h or immediately after pedalling is stopped are not subject to registration and can be used without requiring any class of driving licence.

However, electric bicycles with a maximum power of 0.25 KW (250 Watt) and above are subject to registration and their drivers must have a class (A) driving licence.

As of 1 January 2016, all vehicles driven by electric motors of 250 watts or more will be licensed and fitted with a licence plate. Vehicles belonging to this motor type should go to the Traffic Registration Branch Directorate and register.

NOTE

We kindly ask you to act in accordance with the highway rules in your country.

2. DEFINITIONS

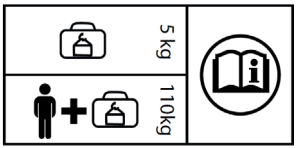
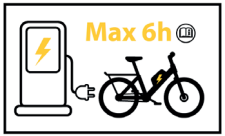
2.1. Symbols

The following symbols may be used in this user manual, on vehicle components or on packaging.

Symbol	Description
	**This symbol provides you with helpful additional information regarding adjustments or usage.**
	**This symbol contains important information regarding the safe use of your vehicle. Adhering to the specified category provides the necessary information for using the product under the conditions and purposes for which it was designed.**
	**This symbol refers to situations that require attention during use, adjustment, control or maintenance, and provides information about situations that may cause serious damage and accidents if ignored.**
	**This symbol indicates that you should read the user manual.**
	**Products marked with this symbol meet all applicable European Economic Community regulations.**

2.2. Labels

The following labels may be used in this user manual, on vehicle components, or on the packaging.

Labels	Description
	**You can quickly access the user manual for your vehicle via the QR code. The QR code label is provided and attached to your vehicle.**
	**This label provides information specific to each electric bicycle, such as the serial number, motor power, and other details, and is located on the main frame of the vehicle.**
	**This label indicates that you should read the manual carefully and wear your protective equipment before using the vehicle.**
	**This label indicates the maximum weight capacity of the vehicle's rear carrier and the maximum weight it can carry with a passenger.**
	**This label indicates that the vehicle's battery can be fully charged in a maximum of 6 hours.**

2.3. Unit Table

The following symbols may be used in this user manual, on vehicle components, or on the packaging.

Unit	Meaning	... is a unit.
°	Degree	Angular Measurement
°C	Celsius	Temperature
°F	Fahrenheit	Temperature
1/s	In one second	Revolution
“	Inç	Measurement, (1 inç:2,54 cm)
A	Ampere	Electrik Current
Ah	Ampere hour	Energy Capacity
bar	Bar	Pressure
g	Gram	Mass
h	Hour	Time
Hz	Hertz	Frequency
kg	Kilogram	Mass
km/h	Kilometre/hour	Speed
kPa	Kilopascal	Pressure
mph	Mil	Speed
Nm	Newton meter	Torque
psi	inçkareye pound	Pressure
V	Volt	Electric Voltage
W	Watt	Electric Power
Wh	Watt saat	Electric Capacity

3. Safe Driving

3.1 Pre-Ride Instructions

- Check the condition of all drive organs.
- Check all rotating parts and add oil if it is missing.
- Check that the tyres are in good condition.
- Check the tyre pressures.
- Check that the horn is in working order.
- Make sure that all nuts and bolts are tightened sufficiently.
- Check that the brake cable and other cables are not pinched and are working properly.
- Make sure that the throttle lever is working properly.
- Check all lighting systems.

3.2. Safe Riding Instructions

- Follow the pre-ride instructions before you start driving.
- Grasp the grips with both hands while driving.
- Make sure that you maintain a safe driving position.
- Practise frequently in order to gain experience.
- Observe the maximum loading conditions specified in the manual.
- Objects moving while driving will endanger driving safety as they change the centre of gravity of the vehicle. Take the necessary precautions to avoid this situation.
- Avoid acrobatic movements while driving your vehicle.
- Avoid high speeds when turning.
- Rainy weather increases braking distance and restricts manoeuvrability. Always maintain a low speed in such situations.
- Avoid excessive puddles that may form in wet weather.
- Never use under the influence of alcohol and drugs.

3.3. Efficient Riding Instructions

By following the efficient riding instructions listed below, the driving range and efficiency of your vehicle will increase:

- Ensure that your electric bike is regularly maintained.
- Adhere to the maximum load limits specified in the manual.
- Make sure to use the bike under appropriate weather and road conditions.
- Check that your tire pressures are within the recommended range.

3.4. Instructions for Checking the E-Bike Before Each Ride

Make sure to check the electrical system before you start using your e-bike.

- Make sure that the battery is correctly inserted into the fixing socket and that the battery cables are securely attached.
- Make sure that the battery has enough charge for the duration of the ride you plan to take.
- Check the control unit display for any warning or error messages. Clear the error before driving.
- Make sure that the headlights and tail lights are switched on when activated and remain on when the bicycle is stationary.

4. General View

4.1. Left Side View

1. Front Brake Disc
2. Front Headlamp
3. Handlebar Folding Apparatus
4. Pedal
5. Saddle Adjustment Bar
6. Saddle
7. Battery
8. Side Stand
9. Rear Carriage Platform
10. Stop Lamp
11. Rear Brake Disc

CAUTION

- The parts listed in the user manual are provided as a reference. The manufacturer may make changes without prior notice.
- Your electric bicycle is shipped with approximately 20% charge and charge your bicycle before first use.

4.2. Right Side View

1. Rear Gear Mechanism
2. Rear Wheel and Rim
3. Saddle Lift Bar
4. Chain
5. Body Folding Mechanism
6. Handlebar Height Adjustment
7. Handlebar Folding Mechanism
8. Front Wheel

! CAUTION

- The parts listed in the user manual are provided as a reference. The manufacturer may make changes without prior notice.
- Your electric bicycle is shipped with approximately 20% charge and charge your bicycle before first use.

4.3. Front View

1. Front Brake Lever
2. Bell
3. Display Panel
4. Gear Shift Button
5. Gear Shift Lever
6. Rear Brake Lever

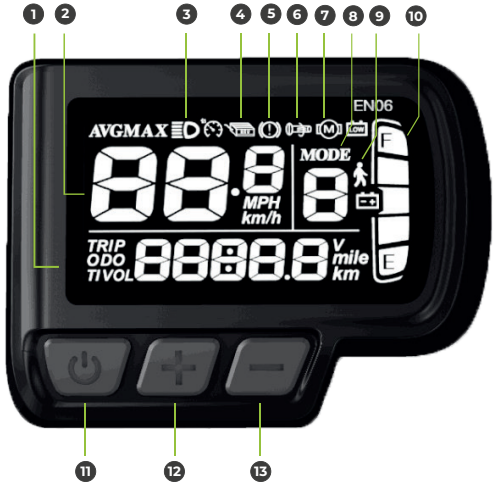
CAUTION

- The parts listed in the user manual are provided as a reference. The manufacturer may make changes without prior notice.
- Your electric bicycle is shipped with approximately 20% charge and charge your bicycle before first use.

4.4. Display Panel

The display is used to operate the bike's control settings and to display its functions. The display shows the values for functions such as "Speed Indicator, PAS Level Indicator, Battery Level, Error Display, Odometer, Single Trip Distance Meter, Light Indicator, Single Trip Time Meter". To access the display settings, press both the up and down arrow buttons simultaneously for three seconds. Use the power button to navigate through the menus in the settings. If no button is pressed for a while during the settings, it will return to the main menu. To access the settings menu again, press both the plus and minus buttons simultaneously.

1. Multi-Function Display
2. Speedometer
3. Headlight
4. Controller Failure Light
5. Brake Indication
6. Throttle Failure
7. Motor Failure
8. PAS Level
9. Cruise Inducator
10. Battery Charge Status
11. Power On/Off Button
12. Plus Button
13. Minus Button



CAUTION

The parts listed in the user manual are provided as a reference. The manufacturer may make changes without prior notice.

4.4.1. Instrument Display Menu

Power On/Off: When the power button is held down, the power is turned on, and the data on the display becomes active. When the power is on, holding down the power button will turn the display off.

Assist Mode: The assist mode is activated shortly after you start riding the bike. The display screen shows "Mode X" to indicate the assist level. You can increase or decrease the assist level by changing the mode value using the up and down buttons. The highest assist mode is 5, and the lowest is 0.

Speedometer: The speed indicator shows the speed of your bike. The speed unit can be set to km/h or mph.

Odometer: Displays the total distance traveled while the power is on. It is shown as "odo" on the display screen.

Trip Distance Meter: Measures the distance traveled during a ride after the power is on and after a reset. The trip distance is shown as "trip" on the display, and it can be reset by holding down both the plus and minus buttons while it is active on the screen.

Battery Level: Displays the approximate current level of the battery capacity. When the battery level is low, the assist levels also decrease.

Initial Movement Assistance: The electric assistance is activated after you start pedaling the bike. However, if you want to start moving without pedaling, you can activate the bike's initial movement without pedal assistance by holding down the minus button. The initial movement assistance will be deactivated in the following situations:

4.4.2. Instrument Display Settings Menu

The settings menu can be opened by pressing and holding the plus and minus buttons while the display is on. When the settings menu is opened, the value starting with P00 will be displayed. Menu descriptions will be shared below. You can move forward between the values by pressing the power button. Use the plus or minus button on the setting you want to change and set it to the desired value. For example, the P01 value on the menu screen indicates the brightness setting of the display screen. This display screen has 3 levels of screen brightness (1 lowest, 3 highest). When you come to this menu on your bicycle, you can increase the brightness with plus and decrease it with minus while on the P01 screen.

P01 Backlight Brightness: There are 3 levels of screen brightness on the display. The brightness sequence is 1 the lowest, 2 the middle value, 3 the highest brightness value. While on the P01 screen, first press the power button to activate the change option. Then the brightness level can be changed with the plus or minus buttons. After the change, the last value is confirmed and saved by pressing the power button again.

P02 Distance Unit: Your bicycle comes with km setting. In this section, you can set the distance unit as km or mile according to your preference. 0 and 1 options are available. (0: Km 1: Mile)

P03 Voltage Value: 24-36-48-52-60 values are available. Since the battery is 36V, it is recommended to remain 36V. It affects the display of the battery value on the display. If 24V or 48V is selected, the remaining battery or charging levels of the battery with a value higher or lower than the capacity of the battery will be reflected on the screen incorrectly.

P04: Automatic Sleep Time: It allows the bicycle to go to sleep in the specified time if the bicycle is not used when the power is on. When P04 is active, a value of 0 means that it will never go to sleep mode. Other values indicate the time in minutes to go to sleep in case of non-use.

P05 Power Assist Level: It helps to set the level value of the electric motor support level. The value in mode on the display screen can be set from 3-5-8 options suitable for the user.

P06 Wheel Diameter: The rim size of the VB1 electric bicycle is 20 inches. This value should be set as 20 on the display. In this way, the bicycle will be able to keep the km counter correctly thanks to its own rim size.

P07 Number of Motor Magnets: This setting level is a setting for the magnetic properties and strength of the magnets of the bicycle's motor. Since this value is adjusted in proportion to the part used in production, it is recommended to be used in the factory setting.

P08 Speedometer: Electric bicycles are bicycles with electric assist motors that provide assistance up to a maximum of 25 km/h (15.5 mph) when pedalled. Due to this situation, the speedometer of the electric bicycle measures up to 25 km / h and reflects it on the display screen. Thanks to this setting, the speedometer setting can be changed between 10-41 km / h. At speed values above the speedometer limit, the display will show the highest set value.

P09 Direct Start / Pedal Assisted Start Setting: There are 0 and 1 options. 0 value indicates the option where the electrical support is activated directly. 1 is the option where it is activated after pedal support. The factory setting comes with a value of 1.

P10 Drive Mode Setting: 0-1-2 options are available. In VB1 new model, only 0 option is active. 0: Power Assist: Determines the help power value with the specific step/gear value of the help drive. 1: Throttle Mode - The vehicle is driven with the handlebars. In this case, the power shift system does not work. 2: Power Assist + Throttle - The power drive does not operate in the zero start state.

P11 Motor Response Time: Contains a value between 0-24. It affects the electric motor activation time after the use of the pedal.

P12 Pedal Assist Start Intensity: 0-5 power assist start sensitivity can be adjusted.

P13 Number of Magnets in Pedal Assist Sensor: This setting level is a setting for the magnetic properties and strength of the magnets of the bicycle motor. Since this value is set in proportion to the part used in production, it is recommended to use the factory setting.

P14 Current Limit Value: Current limit range is between 1-20A.

P15 Unspecified: This section is left blank. It is intended to be used in case of a feature that needs to be added with an update in the future.

P16 Odometer Reset: If the plus button is pressed for a long time (5 seconds or a little longer), the odometer will be reset.

P17 Forward / Reverse (PAS) Pedal Assist System Option: It indicates the pedalling direction of the pedal assist. 0 option is active.

0: Advanced Pedal Assist System
1: Reverse Pedal Assist System

P18 Gas Level Option: Since there is no throttle lever option in this model, the 0 option comes factory set as unchangeable.

P19 Cruise Control: 0 and 1 options are available.

0: Throttle Lever, without 6 km/h constant speed definition.
1: Throttle Lever, with 6 km/h constant speed definition.

4.4.3. Display Error Codes

Error codes that may occur on the display are as follows. If one of these codes is encountered, get support from the nearest authorised Volta Motor service.

Error Code	Error Code Descriptions
0	Normal
1	Reserved (the error code does not represent an error at the moment, but may be used as an error code in the future).
2	Brake Failure
3	PAS Sensor Error is an error message indicating that the (Pedal Assist System) sensor has failed.
4	6km/h Cruise Control Failure
5	Real-Time Cruise
6	Low Battery
7	Motor Failure
8	Throttle Failure
9	Controller Failure
10	Communications Receiving Failure
11	Communications Sending Failure
12	BMS Communications Failure
13	Light Failure

5. Adjusting the Electric Bike

Adjusting the e-bike is important to optimize its comfort and performance. Below are the basic steps you need to follow to adjust your e-bike.

5.1 Adjusting the Saddle Position

When adjusting the saddle height, your leg should be in a slightly bent position when pedaling. The correct saddle height is when your leg is not completely straight, and your knee joint is slightly bent when you pedal at the lowest position. Riding at this angle will help provide an ergonomic ride without overstraining your knee joints.

Steps to Adjust Saddle Height:

Loosen the lock mechanism on the seat post. Move the saddle up or down and adjust it until you find the appropriate height. After finding the correct height, tighten the lock mechanism and ensure that the seat post does not move.

WARNING

Make sure the lock mechanism that helps adjust the saddle height is tightened properly and does not move. Otherwise, the lock mechanism may loosen, which could cause the saddle to move unexpectedly, leading to accidents or undesirable situations.

It is crucial to adjust the saddle correctly to ensure your e-bike provides a comfortable and efficient riding experience. The correct saddle height improves your riding position, protects your back and knee health, and enhances your performance.

Post-Saddle Adjustment Checks:

After adjusting the saddle, make sure that the adjustment mechanisms are tightened securely. Any risk of loosening while driving could jeopardise your safety. After making the adjustments, take a few test drives. If you feel any discomfort while riding, you can make minor adjustments to the saddle position.

NOTE

Saddle settings can vary depending on your personal preferences and body type, so you can experiment until you find the most comfortable position.

CAUTION

- Make sure that all saddle adjustment mechanisms are tightened before every journey.
- If you leave your e-bike unattended, make sure that all adjustments are correct before setting off again.

5.2. Handlebar Position Adjustment

The handlebar height should be adjusted according to your riding position. By changing the handlebar height, you can adjust your riding position as desired. The lower you set the handlebars, the more you will need to lean forward. This increases tension in your wrists, arms, and upper body, and will require you to bend your back more. The higher the handlebars, the more upright your riding position will be. However, this could put strain on your spine. Therefore, for an ergonomic ride, the handlebars should be adjusted to a position that suits you best.

You can determine the handlebar height that best suits your body measurements as follows:

- Sit on the bike saddle. If necessary, ask someone to hold the bike steady.
- Lean your upper body slightly forward towards the handlebars until you find a comfortable position for your back.
- Extend your arms towards the handlebars.
- Adjust the handlebars to this height based on the approximate position of your hands.

Handlebar Height Adjustment Steps:

- To adjust the handlebar height, loosen the adjustment mechanism located at the top of the handlebar tube.
- Move the handlebar tube up or down to find the desired height.
- After positioning the handlebar tube, tighten the screws again to ensure it is securely in place.

6. Operation and Usage

6.1. Operation

Insert the key into the key slot located next to the battery and turn it to the “on” position. Then, press and hold the power on/off icon on the display for 3 seconds. When the display turns on, the electric bike will be ready for riding. The bike can be used without electrical assistance without pressing the power button.

! CAUTION

Keep your e-bike in the off position when not in use.

6.2. Accelerate

The electric motor on the rear axle of the electric bicycle is designed to support the ride as the pedal is pressed. From the moment the pedal is pressed, the motor supports the ride and stops giving power after the pedalling stops.

6.3. Braking

There are brake sensors on the brake lever. In this way, the brakes provide both mechanical braking and de-energising of the engine.

- Grasp the brake lever with your fingers and slowly tighten it towards you.
- Slowly loosen the brake lever to stop braking.

The brake system of your bicycle is equipped with front wheel mechanical disc brake system and rear wheel hydraulic disc brake system. For proper braking, the brake lever free travel distance should be 5-10 mm. Braking should start from this distance.

CAUTION

- Avoid sudden and hard braking. Otherwise, your bike may skid and cause accidents.
- Be cautious when braking on downhill slopes.
- Do not continue pedaling while using the brakes. This could damage the electronic control unit and the motor.
- Brake pads, calipers, and brake discs can reach high temperatures during braking. Contact with these hot surfaces can cause serious injuries. Only intervene after ensuring that these parts have cooled down.
- The disc brake system provides high braking performance. Therefore, practice braking on flat surfaces.
- Brakes can be adjusted for sensitivity. For safer deceleration, both front and rear brakes should be used together.
- Prolonged use of the brakes can cause the brake components to heat up and reduce their performance. This can increase your stopping distance and affect safe stopping.
- Brake pads should always be replaced with original products. Low-quality parts can damage other parts of the vehicle and also affect the performance of your bike.
- The brake system is vital for your safety. Have regular checks and adjustments performed by authorized service centers according to the intervals specified in the periodic maintenance schedule.

DİKKAT

During braking, disc brakes heat up, so avoid touching the discs immediately after use.

6.4. Gear

Your e-bike is equipped with a 7-speed gear set for shifting. By using the gear lever positioned on the right brake set, you can select the appropriate gear on the rear cassette to achieve the best traction during your ride. To change gears, simply shift the gear lever to the desired position. You can also increase the gear using the button located just below the gear lever. Using the appropriate gear based on your speed and road conditions will help you achieve better traction and performance.

CAUTION

With the correct gear selection, you can increase your range and speed with the same power.

WARNING

Never pedal backward while shifting gears, as it may damage the gear shifting mechanism.

6.5. Lighting

The headlamps should be switched on and visibility should be increased during dark and daytime driving by using the lighting system positioned at the front and rear. Increasing the visibility will increase the driving safety level to a higher level.

To switch on the lighting system, press and hold the plus button on the indicator for 3 seconds. This will switch on the lighting system. To switch off, press and hold the same button for 3 seconds again.

If you need to adjust or replace the headlight: place the headlight in the headlight holder on the handlebar or front carriage and adjust it so that the light beam meets the ground at a distance of 10 metres in front of the e-bike. Check the condition of the batteries regularly. Remember to check that the rear light is active. The use of lighting systems is mandatory in dark weather.

6.6. Electronic Control Unit (ECU)

The electronic control unit (Drive) functions as the brain of your bicycle. Thanks to the software it contains, it enables the motor to be activated for pedal support. It supports the driver up to 25 km/h speed. Due to the equipment and software of the vehicle, this speed is exceeded by muscle power and this is controlled by the electronic control unit. It also ensures that the orders you transmit through the display are carried out. It is located directly below the battery and is protected by a closed chamber.

WARNING

The electronic control unit is protected against dust and splashes of water. However, avoid puddles containing large amounts of water.

6.7. Loading

The rear carriage iron and loading area must only be used for carrying loads. Please do not exceed the permitted load limits in this area. The permissible load level for the rear carrier bar is 5 kg.

CAUTION

Do not carry loads on surfaces of the bicycle that are not designed for carrying. Otherwise, both the components may be damaged, and the safety of the ride could be compromised.

6.8. Battery

Your e-bike is equipped with one rechargeable Lithium-ion battery that can supply 36V 7.8Ah of energy. The main benefits of this type of battery are listed below.

- It helps to provide long range by providing high energy capacity.
- Lithium-ion batteries last longer than other battery types.
- It charges faster and thus offers less waiting time.
- Lithium-ion batteries have a low self-discharge rate, meaning energy loss is minimised when the battery is not in use. In this way, when you do not use your e-bike for a long time, it maintains the battery capacity at a higher level compared to other types.
- While these batteries provide high efficiency, the energy charged by the battery is efficiently transferred to the motor. This helps e-bikes perform better and run longer.
- With their lightweight design, lithium ion batteries provide lightness to their users both while on the e-bike and when removed from the bike for charging.

NOTE

Lithium-ion batteries do not have a memory effect. Therefore, you can fully charge your battery after every ride.

6.8.1. Battery Location, Removal, and Reinstallation

The battery of your e-bike is located in a specially designed locked compartment just beneath the seat. Make sure the battery is securely locked in place. Keeping the battery in the locked position prevents any potential separation and helps keep the battery in position. To lock the battery, insert the key into the keyhole located next to the battery and turn it to the locked position.

To remove the battery, press the key gently when it is in the off position and turn it to the "off" position. To remove the battery, push the latch under the seat upwards and lift the seat from the rear. The battery will then come out. Reverse the process to ensure that the battery is properly seated in its compartment and securely locked.

6.8.2. Charging the Battery

You can charge the battery either on your e-bike or by removing it from the locked compartment and placing it in a suitable location.

Charge the battery after every ride. This ensures that your e-bike will be ready for the next use, and it also helps extend the lifespan of the battery.

If you're not using your e-bike, you should recharge the battery at least once every month.

NOTE

Make sure the charging socket has a 220V connection. A fluctuating voltage output or an unstable power source may damage the battery cells.

6.9. Charger

Before your first ride, charge your vehicle for 4.5 to 5 hours using the charger provided with your bike. To charge the vehicle, please follow the instructions below:

- Make sure your electric bike is turned off.
- First, plug the part marked with "2" of the charger into the power outlet.
- Then, insert the part marked with "1" of the charger into the charging port on your bike.
- Sparks may occur when connecting the charger to the bike.
- Ensure that you see the charging indicator light on the display panel, confirming that the battery is charging.
- Once charging is complete, disconnect the charger from the bike's charging port.
- Finally, unplug the charger from the power outlet.

CAUTION

- Your chargers that malfunction due to voltage differences in your electrical installation may damage your vehicle.
- Such malfunctions are not covered by the warranty.
- Plugging the charger into the socket first will protect your vehicle from possible high/low voltage situations.
- Charging at least once a month will prolong the life of your battery.
- Disconnect the charger when the battery is fully charged. Disconnecting the charger from the socket when fully charged will extend the life of the product.

NOTE

After the battery is fully charged, all of the indicator lights on it will light up. The charge level can be monitored through the indicator lights. The remaining capacity of the battery can be monitored by pressing the on/off button on the battery.

WARNING

- If the battery charging time exceeds the time specified in the manual, please contact our nearest authorised service and create a fault record.
- If the battery charging time exceeds the time specified in the manual, please create a fault record.

CAUTION

Only use the charger supplied with your e-bike. The use of non-original chargers voids the warranty. Non-original chargers can cause serious injury to the user, such as burns and electric shock, as well as damage to the e-bike and the battery.

Charging the Battery on the E-Bike

If your bicycle parking area has a 220 V power outlet, you can leave the battery on the bicycle while it is charging. Leave the battery on the rear carrier or frame and connect it to the charger by removing the protective rubber seal.

Battery Usage and Storage Recommendations

- Charge the battery before use.
- Do not expose the battery to direct sunlight.
- If you will not be using the e-bike for a long period of time or if you are storing the battery for the winter, charge the battery for 24 hours at least once every three months. This will keep the battery in good condition. Make sure that your battery is stored in a well-ventilated and dry place.
- If you have any questions about proper service and maintenance, contact your local e-bike dealer.
- Do not disassemble the battery.

Battery Usage and Storage Recommendations

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- Make sure that your battery is stored in a well-ventilated and dry place.
- If you have any questions about proper service and maintenance, contact your local e-bike dealer.
- Do not disassemble the battery.

Matters to be Considered

- Do not dispose of the battery with your household waste.
- Do not immerse the battery in any kind of liquid.
- Do not connect the positive and negative terminals of the lithium battery together.
- Do not expose the battery to direct sunlight or high temperatures.
- Never disassemble the battery. Removing the battery will void the warranty.
- Do not charge the vehicle with any charger other than the charger supplied with the vehicle.
- Do not store the battery in cold and humid environments. If stored for more than one month, please charge the battery once a month for two hours.
- If the battery becomes waste or is no longer used, please return it to the manufacturer or to the recommended waste collection facilities.

7. Maintenance And Control

7.1. Brakes Control and Maintenance

The braking system contains components that can wear out over time due to usage. Therefore, regular checks of the brakes are necessary. In disc brake systems, the physical condition of the brake discs should be monitored. It is important to check if the discs are bent and assess the level of wear. The discs should be smooth, flat, and undamaged. Worn or damaged discs will negatively affect braking performance.

Brake pads wear out due to their operating principle and should be replaced when they reach certain safety levels. Safety level checks and replacements should be carried out by authorized service centers. Unreplaced brake pads can lead to the braking system performing poorly, producing noise, or even causing damage to other components in some cases. Brakes should be checked during every maintenance session.

! WARNING

The brake pads and disc must be completely free of oil based on petroleum/grease. In case the brake pads are contaminated in this way, they must be replaced with new ones. The brake disc must be cleaned with detergent, rinsed, and dried.

7.2. Tire Pressure Check

Check your tire pressure levels every day. Abnormally high or low tire pressures will affect the vehicle's handling, acceleration, fuel consumption, and other performance aspects.

Check your tires daily for any holes, cuts, or other unusual conditions. Also, dents, scratches, or deformations on the rims can lead to air loss. Such damages can cause your vehicle to lose balance and cause vibrations. If you notice such issues, visit the nearest authorized service to have the damage repaired.

VB1	Size	Pressure
	20 X 1.75	240 kPa

7.3. Chain Maintenance

Chain maintenance should be performed at regular intervals. If any deformation, breakage, crack, or separation of links is observed, contact the nearest authorized service.

When performing chain maintenance, it is important to clean it with neutral cleaners and then apply proper lubrication, as this will extend the product's lifespan. Use special bicycle chain oil for lubrication. Additionally, do not use alkaline or solvent-based rust removers when cleaning the product, as this can damage the chain and cause unwanted accidents.

! CAUTION

- If the tire does not have the correct air pressure, it will wear out more quickly and its lifespan will be shortened. Additionally, underinflated tires can reduce grip and may cause accidents.
- In the case of very low air pressure, the tire may come off the rim.

CAUTION

Your tires will wear out as you use them. You should replace them when the tread depth decreases. Depending on road, climate, and usage conditions, the lifespan of your tires may vary. The user must regularly check tire pressure and tread depth. Tires with low tread depth will especially reduce grip on wet surfaces. The minimum tread depth is 1.5 mm for the front tire and 2.0 mm for the rear tire. Such conditions can lead to accidents.

7.4. Gear System Maintenance

Ensure that the gear system is functioning properly. If it is not working correctly, adjust it using the two screws located on the rear derailleur. Clean the rear derailleur's gears with a damp cloth soaked in a water-diluted detergent solution. Do not use thinning agents or harsh solvents during cleaning, as this can damage the surfaces of the parts. After cleaning, check if the gear system is functioning smoothly.

WARNING

- Do not lubricate the chain with motor oil or similar oils. Otherwise, it will cause damage to the chain and other connected parts.
- Be careful when removing and installing parts. Before using the bike again, make sure all parts are properly installed.

7.5. Gear Maintenance

Maintaining the crankset (chainring) and cassette will extend their lifespan. Regularly check the gears for any cracks, breaks, or tooth damage. When maintaining the cassette, use pure alcohol. Do not use solvent-based products, as they can damage the cassette and make gear shifting difficult.

WARNING

- Even the smallest crack or break in the crankset can cause serious injury.

7.6. Driver/Motor Maintenance

The vehicle's electronic control unit (driver) is located under the cabin. Therefore, ensure that this area remains dry, that the cables entering this area are not taut, and that the protective plastic is not damaged.

To prevent damage to other parts, do not press the gas and brake pedals simultaneously while operating. Slow down when the road surface is poor. Excessive vibration can cause the cables inside the motor and driver to break. In rainy weather, do not allow the water level to reach the motor's height, as this will damage the motor.

ECU ERROR CODES

ECU Error Codes	ECU Error Code Definitions
21	Abnormal Current
22	Throttle Failure
23	Motor Phase Loss
24	Motor Hall Sensor Error
25	Abnormal Brake Failure
30	Communication Error Between Display and Controller

! CAUTION

- Using a fuse with a capacity lower than specified can cause the system to continuously trip, while using a fuse with a capacity higher than specified can damage electronic components and wires due to high currents.
- Do not use high-pressure water when washing your vehicle, as it may damage the electrical systems.

7.7. Maintenance

Even if your vehicle runs smoothly, it should be checked at authorised service centres at certain intervals. These intervals are detailed on the following pages of the user manual. Vehicles that have experienced problems or accidents should be taken directly to the authorised service without waiting for the maintenance interval. In such cases, repairs must be made with original parts.

Maintenance, repair, modification or any change that will increase the performance of the vehicle outside the contracted service stations approved by the manufacturer will cause the product to be out of warranty.

- Works to be done during maintenance; Control, adjustment, tightening, cleaning, etc. operations are carried out by authorised services for a fee outside the scope of warranty.
- Parts that can be replaced in paid maintenance; Parts that are natural to wear over time, such as spark plugs, oil and air filters, fuses, brakes, bulbs, cables, bearings, will be made, repaired or replaced for a fee.
- Situations such as taking the vehicle from the defective place and taking it with another vehicle, loss of time, loss of income are also not covered by the warranty.

! CAUTION

- To ensure the safety and longevity of your vehicle, please avoid modifications. Modified vehicles can compromise both your safety and the safety of others on the road. Always use parts approved by the manufacturer.
- Before performing any maintenance, for your personal safety, make sure to turn off the motor and lift the vehicle onto its rear stand. Never perform any maintenance without turning off the motor and ensuring the vehicle is properly supported on its rear stand, even for simple tasks.
- If the vehicle has not been used for a month or longer, check components that may have worn or rusted, such as tires and the battery, before using the vehicle again.

7.8. First Maintenance

The 1st and 4th month maintenance are important for your vehicle. After the first use, the motor components have adjusted to each other, and it is recommended to check all bolts during the first maintenance. The reliability of your vehicle depends on the proper completion of the initial use and the first periodic maintenance.

7.9. Periodic Maintenance Schedules

Periodic maintenance should be carried out by authorized Volta Motor service centers.
Vehicles that do not adhere to the maintenance intervals will be excluded from the warranty coverage.

VB1

WARRANTY MAINTENANCE CARD PERIODIC MAINTENANCE TABLE

1.MONTH	4.MONTHS	8.MONTHS	12.MONTHS	16.MONTHS	20.MONTHS
STAMP Date:...../...../.....	STAMP Date:...../...../.....	STAMP Date:...../...../.....	STAMP Date:...../...../.....	STAMP Date:...../...../.....	STAMP Date:...../...../.....
24.MONTHS	**28.MONTHS**	**32.MONTHS**	**36.MONTHS**	**40.MONTHS**	**44.MONTHS**
STAMP Date:...../...../.....	STAMP Date:...../...../.....	STAMP Date:...../...../.....	STAMP Date:...../...../.....	STAMP Date:...../...../.....	STAMP Date:...../...../.....

ELECTRIC BICYCLE MAINTENANCE TABLE							
GENERAL MAINTENANCE PROCEDURES	**1.Month**	**4.Month**	**8.Month**	**12.Month**	**16.Month**	**20.Month**	**24.Month**
Tightening of the handlebars	T	C, L	C, L	C, L	C, L	C, L	C, L
Front and rear wheel hub check	T	C, L	C, L	C, L	C, L	C, L	C, L
Axle group tightness	T	C, L	C, L	C, L	C, L	C, L	C, L
Rim angle	C	A	C	A	C	A	C
Chain tightness	C	A	C	A	C	A	C
Lighting check	C	C	C	C	C	C	C
Chassis check	C	C	C	C	C	C	C
Pedal check	C	C, L	C	C, L	C	C, L	C
Revolution and crank check	C	C	C	C	C	C	C
Front fork check	C	C	C	C	C	C	C
Gear system	C	C	C	A, C	C	C	C
Brake system	C	C	C	A	C	C	A
Tyres check	C	C	C	C	C	C	C
Distance between handlebar and grips	C	A	A	A	A	A	A
Battery	C	C	C	C	C	C	C
Motor unit	C	C	C	C	C	C	C
Display panel	C	C	C	C	C	C	C

T: Tighten C: Control L: Lubrication A: Adjusting

8. Cleaning and Storing Your Electric Bike

8.1. Cleaning the E-Bike

- It is recommended to clean your electric bike with a damp cloth.
- Do not lubricate the brake system or tires. Use oil only to clean the metal parts of your bike.
- When cleaning painted plastic parts, always use standard cleaning materials.
- After cleaning, dry the bike with cloths.

WARNING

When washing your electric motorcycle, do not use high-pressure water. High-pressure water may cause some parts to absorb water, which can lead to a loss of performance and potential damage.

8.2. Battery Storage

Store the battery in a dry and well ventilated place, away from direct sunlight and other heat sources, at a temperature between -10 and 40°C (ideally 15-20°C). If the battery is stored in a cold environment, it must be brought to the optimal operating temperature (20°C) before reuse. Do not leave the battery completely discharged; this may cause permanent damage. When the battery is completely discharged, charge it to half capacity and allow it to cool down. After the battery has cooled down, charge it to full capacity.

Keep the battery at approximately 60-80 per cent capacity during long-term storage (e.g. in winter). Do not leave the battery permanently connected to the charger or on the bicycle. Lithium batteries are slowly discharged (approx. 5-10% per month) when inactive. Therefore, check the battery regularly and if you observe a reduction in capacity, charge it to the recommended level of 60-80%.

CAUTION

Li-ion batteries are fully recyclable. At the end of the battery's lifetime, you can hand it in to any collection point or your retailer.

8.3. E-Bike Storage

If you are not going to use your electric bike for an extended period, such as during the winter months, it is essential to take precautions to protect your vehicle from damage and wear. Follow the instructions below:

- Before storing, clean the electric bike properly and lubricate the relevant parts (especially the chain, derailleurs, and rims).
- Apply a corrosion-resistant product to chrome-plated and shiny parts.
- Check the tire pressure and adjust it to the ideal tire pressure level.
- Charge the battery. Once the charging process is complete, do not leave the charger connected to the power supply or the battery. If the bike is to be stored for a long period, the battery should be charged regularly every two months.
- The battery and charger should be stored in a dry, well-ventilated area, within a temperature range of 0 - 35°C, and relative humidity should be up to 65%. Avoid storing these devices near corrosive materials, and ensure they are a safe distance away from heat sources and open flames.
- Protect your electric bike from weather conditions, especially direct sunlight, rain, and snow. Store your electric bike in a dry and dark place, keeping it protected from dust.

Cover it with a non-plastic or rubber cover. Be careful when storing in conditions where the temperature does not fluctuate too much. Large temperature variations can cause wear, damage, and cracking of many parts of your bike.

8.4. Electric Bicycle Folding Feature

Your electric bicycle features a folding capability from both the mid-frame and handlebars. Its foldable design provides practicality and easy portability. This allows the bike to be folded quickly and take up less space, making it very convenient for transportation or storage in urban settings.

The folding frame allows users to carry their bikes easily. It is particularly useful when boarding public transport or when storing the bike in a car trunk. When folded, these bikes take up less space, offering a significant advantage for storage in small apartments or offices.

The folding mechanism is generally simple and quick to operate. Users can fold and unfold their bike in no time, providing practicality and ease for everyday use.

8.4.1. Foldable Body

You can fold the lock mechanism on the centre body in half by loosening the latch on it. When you want to use it again, you need to make your electric bicycle flat and fix it by tightening the lock latch.

CAUTION

Make sure that the locking mechanism is securely in place and the connection is tight.

8.4.2. Foldable Handlebar

By loosening the lock mechanism located just above the front wheel on the handlebar, you can fold your electric bicycle at the handlebar level. When you want to use it again, lock the handlebar of your electric bicycle by tightening the lock mechanism after bringing it to its ideal position.

CAUTION

Make sure that the handlebar locking mechanism is securely in place and the connection is tight.

9. Reactivating

Remove the cover from the electric bicycle and clean the vehicle. Start the vehicle after following the pre-starting instructions completely. Do the first use in an area closed to traffic. After making sure that all parts of your electric vehicle are working correctly and at full performance, go out into traffic.

Assembly

The electric bicycle is delivered assembled.

10. Technical Specifications

Technical Specifications			
Parameters			
Lenght	1610 mm	Power Transfer Type	Hub Motor
Width	605 mm	Max Speed	25 km/h
Height	1210 mm	Range	27-42 km
Wheelbase	1115 mm	Gear	Shimano 7 Speed Gear
Bicycle Weight	21.5 kg	Front Brake System	Mechanical Disc Brake
Battery Weight	2.5 kg	Front Brake Disc Diameter	160 mm
Rear Carrier Weight	0.8 kg	Rear Brake System	Hydraulic Disc Brake
Total Weight	24.8 kg	Rear Brake Disc Diameter	160 mm
Max Carrying Capacity	110 kg	Seat Position Number	1
Engine Power	250 W	Tyres	
Engine Type	BLDC	Front Tire Size	20*1.75
Battery Type	Lithium-Ion	Rear Tire Size	20*1.75
Battery Capacity	36V 7.8Ah	Rims	20 inc
Charger Capacity	36V 2A		
Charging Time	4,5 - 5 h		

11. Manufacturer Information

The service life of your Volta brand vehicle is 10 years, and the maximum repair period is 45 working days. If you encounter any problems with your vehicle, you can visit our website www.volta.com.tr and access information about authorized services and spare parts.

You can access all authorized service station information from the Service Information System created by the Ministry.

VOLTA MOTOR SANAYİ VE TİCARET A.Ş.

Selamlar Köyü Selamlar Mevkii Gümüşova
OSB 1. Sokak Blok No: 10
Gümüşova / DÜZCE / TÜRKİYE
Tel : 0850 222 28 65
info@volta.com.tr

VOLTA MOTOR SANAYİ VE TİCARET A.Ş.

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VOLTA MOTOR SERBEST BÖLGE

Tübitak Teknoloji Serbest Bölgesi
Tübitak MAM Teknoloji Serbest Bölgesi
Barış SB. Mah. 5001 Sok. No: 3 A/B
Gebze / KOCAELİ / TÜRKİYE
Tel : 0850 222 28 65
info@volta.com.tr

MANUFACTURER			
Trade Name	Volta Motor Sanayi ve Tic. A.Ş.		
Address	**Volta Motor Sanayi ve Ticaret A.Ş.** Selamlar Koyu Selamlar Mevkii Gumusova OSB 1.Sk Blok No:10 Gumusova / DUZCE / TÜRKİYE info@volta.com.tr	**Volta Motor Cumayeri Fabrika** Yaka Mah. 401 Sok. No:19 Cumayeri / DUZCE / TÜRKİYE info@volta.com.tr	**Volta Motor Serbest Bolge** Tubitak Teknoloji Serbest Bolgesi Tubitak MAM Teknoloji Serbest Bolgesi Baris SB. Mah. 5001 Sok. No: 3 A/B Gebze / KOCAELI / TÜRKİYE info@volta.com.tr
Phone	+90 850 222 28 65	+90 850 222 28 65	+90 850 222 28 65
Fax	+90 850 222 28 65	+90 850 222 28 65	+90 850 222 28 65

PRODUCT	
Type	Gasoline Vehicle
Commercial Name	VOLTA
Model	VB1
VIN Delivery Date and Place	
Maximum Repair Time	45 Working Days
Warranty Period	1 Year

SELLER	
Trade Name	
Address	
Phone	
Fax	
Invoice Date and Number	
Date of Sale	

This section must be filled in completely by the seller. (Stamp and Signature)

You can scan the QR code below to choose the nearest sales point and get in touch.

SALES

You can scan the QR code below to choose the nearest service center and get in touch.

SERVICE

WARRANTY INFORMATION

WARRANTY PERIOD

1. The warranty period for all Volta Motor vehicles is 1 year. (Standards may vary depending on the country you are in.) You can seek support from the authorized dealer where you purchased the product.
2. During the warranty process, the warranty period for the replaced item is limited to the remaining warranty period of the original purchased item.
3. In case of a defect, the time spent on repair is added to the warranty period.
4. If a part of the product, which is not mandatory to be sold with the warranty certificate, is replaced or sold by a service station outside the warranty period, the warranty period for the replaced or sold spare part is six months.
5. The warranty begins from the date of the sales invoice of the product.

WARRANTY TERMS AND CUSTOMER RESPONSIBILITY

1. To benefit from the warranty, the warranty certificate or sales invoice must be presented. These documents should be kept throughout the warranty period.

2. Maintenance of the vehicles must be performed at authorized service centers at the intervals specified in the user manual provided with the vehicle.

3. Vehicles should be used in accordance with their intended purpose, and daily maintenance and pre-driving checks as specified in the user manual must be carried out.

WARRANTY COVERAGE

1. The warranty covers the repair of defects caused by manufacturing or workmanship errors, including all parts of the vehicle. This includes the replacement of parts that cannot be repaired.
2. In the case of a material and/or manufacturing defect in the vehicle or its parts, the manufacturer may repair the defective part. There is no obligation to replace the part with a new one.
3. For parts such as batteries and tires, which are covered by the warranty provided by their respective manufacturers, warranty claims will be processed based on a report prepared by the manufacturer. The customer may also be referred to the manufacturer's own service centers for repair.

EXCLUSIONS FROM WARRANTY COVERAGE

1.The warranty will be void if any tampering is done on the invoice or warranty document, or if the original serial number on the vehicle is removed or tampered with.
2.Faults arising from maintenance and repairs not performed on time at authorized service centers are excluded from the warranty coverage.
3.Faults arising from repairs and interventions performed by unauthorized service centers are excluded from the warranty coverage.
4.Faults arising from the use of non-original spare parts are excluded from the warranty coverage.
5.Faults resulting from the vehicle being used for purposes other than those intended are excluded from the warranty coverage.
6.Faults are excluded from the warranty coverage if there is any modification or intervention on the defective part.
7.Faults resulting from engine, fuel pump, and injection system issues caused by dirty or unsuitable fuel are excluded from the warranty coverage.
8.Faults arising from actions contrary to the guidelines specified in the user manual are excluded from the warranty coverage.
9.Repairs and maintenance required due to accidents or improper use are excluded from the warranty coverage.
10.Faults caused by overloading or abnormal use that lead to the completion or shortening of the vehicle's economic lifespan are excluded from the warranty coverage.
11.Faults arising from failure to perform daily maintenance and pre-ride inspections as specified in the user manual are excluded from the warranty coverage.
12.Faults due to not regularly measuring tire pressures are excluded from the warranty coverage.
13.Faults arising from failure to check fluid levels (engine oil, hydraulic brake fluid, transmission oil) are excluded from the warranty coverage.
14.Faults resulting from non-compliance with warnings and alerts on the instrument panel are excluded from the warranty coverage.
15.Accidents occurring due to using the vehicle before completing service or driving a vehicle known to be faulty are excluded from the warranty coverage.
16.Wear and material costs resulting from adjustments needed for parts such as wheel balance, valve adjustment, and brake adjustment, which require periodic maintenance, are excluded from the warranty coverage.
17.Faults resulting from parts getting waterlogged due to high-pressure washing are excluded from the warranty coverage.
18.Wear, breakage, or damage to parts such as axles, differential, transmission, engine, wheels, shock absorbers, and chassis due to use beyond the maximum load capacities specified in the vehicle's technical documents are excluded from the warranty coverage.
19.Faults arising from modifications made to the vehicle are excluded from the warranty coverage.
20.Faults resulting from liquid contact with electronic components are excluded from the warranty coverage.
21.Damage and faults resulting from natural disasters such as fire, flood, water ingress, and lightning strikes are excluded from the warranty coverage.
22.Damage occurring to the vehicle during transportation, loading, or unloading after delivery to the customer is excluded from the warranty coverage.
23.Faults arising from prolonged use beyond speed limits are excluded from the warranty coverage.
24.Consumables that naturally wear out based on usage conditions and are recommended to be replaced during periodic maintenance, such as filters, belts, engine oil, transmission oil, o-rings, gaskets, brake pads, fuses, and bulbs, are excluded from the warranty coverage.
25.Parts with a defined lifespan that are recommended to be replaced at the specified time in the periodic maintenance schedules, such as front axles, transmissions, rear clutches, spark plugs, and faults arising from the expiration of replacement intervals, are excluded from the warranty coverage.
26.Battery swelling due to overcharging or sulfation resulting from non-compliance with charging rules are excluded from the warranty coverage.

VOLTA MOTOR SAN.TIC.AS.
Merkez Mah. Yıldıztepe Cad. Gümüşova OSB Gümüşova / DÜZCE
0380 731 25 25 - 0380 731 25 35 - info@volta.com.tr

Exclusions from Warranty Coverage:

1. The warranty will be invalidated in the event of any destruction of the invoice or warranty certificate, removal of the original serial number on the vehicle or if it is found to have been destroyed.
2. Malfunctions caused by periodic maintenance and repairs not carried out by authorised services on time
3. Malfunctions arising as a result of repairs and interventions made to vehicles by unauthorised services
4. Failures caused by not using original spare parts
5. Faults resulting from the vehicle being used for purposes other than its intended purpose.
6. If any modification or intervention is made to the faulty part.
7. Faults caused by failure to follow the guidelines specified in the user manual.
8. Repairs and maintenance required due to accidents or improper use.
9. Completion of the vehicle's economic life or shortening of its lifespan due to overloading or abnormal use.
10. Faults that may occur due to failure to perform the daily maintenance and pre-ride checks specified in the user manual.
11. Faults that may arise from not regularly checking tire pressures.
12. Failure to perform any paid periodic maintenance services at authorized service centers and within the specified time intervals(as indicated in the maintenance card).
13. Faults caused by failure to heed warning and alert indicators on the instrument panel.
14. Accidents caused by using vehicles that have been taken from the service before the service work is completed or by using vehicles known to be faulty.
15. Parts absorbing water due to high-pressure washing.
16. Faults resulting from using the vehicle above the maximum load capacity specified in the technical documentation.
17. Faults caused by modifications made to the vehicle.
18. Faults caused by liquid contact with electronic parts.
19. Damages and malfunctions as a result of natural disasters such as fire, flood, waterlogging and lightning strikes
20. Damage to the vehicle occurring during transportation, loading, or unloading after delivery to the customer.
21. Consumables such as oil, fuses, brakes, bulbs, cables, and bearings, which naturally wear out due to usage conditions and are expected to be replaced during periodic maintenance.
22. Battery swelling due to overcharging or sulphation due to non-compliance with charging rules
23. The faults during the warranty period must be repaired within the scope of the warranty by contacting the authorised services with the warranty certificate and user manual.

APPLICATIONS EXCLUDED FROM WARRANTY COVERAGE:

- The tasks to be performed during maintenance, such as inspection, adjustment, tightening, cleaning, etc., will be carried out for a fee by authorized service centers and are not covered by the warranty.
- Parts that naturally wear out over time, such as spark plugs, oil and air filters, fuses, brakes, bulbs, cables, and bearings, will be replaced, repaired, or serviced for a fee during paid maintenance.
- The transportation of the vehicle from the point of failure to another location using a different vehicle, as well as situations resulting in time loss, income loss, etc., are also excluded from warranty coverage.

YOUR VEHICLE IS OUT OF WARRANTY IN THE FOLLOWING CASES

1. Malfunctions caused by the use of non-genuine spare parts or the use of oils unsuitable for the parts.
2. Improper misuse of the vehicle and malfunctions caused by such misuse.
3. Overloading the vehicle above the maximum carrying limit.
4. Modification of the vehicle without written permission from the distributor / manufacturer and authorised institutions.
5. Using the vehicle in sports events.
6. Disassembly and repair of the vehicle by the user or unauthorized repairers in case of malfunction.
7. Failure to have any of the paid periodic maintenance performed at authorised services and on time (at the period intervals specified on the maintenance card).
8. Malfunctions due to use contrary to the recommendations specified in the user manual.
9. Damages caused by factors beyond the control of the manufacturer / importer;

- Theft, riots, fire, collisions, and other accidents.
- Acid rain, environmental surface corrosion, rusting, etc.
- Hail, storm, flood, lightning, and other natural disasters.
- Cosmetic conditions, scratches in the paint.

10. During the warranty period, you should apply to our authorised service stations with the warranty certificate and user manual for the repair of malfunctions within the scope of the warranty.

NOTES

VB1

GÜMÜŞOVA / DÜZCE

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