



User manual

with E-Bike pass and maintenance booklet

E-SUV-CityBike C5R Centro



Product number: BB12173



Congratulations on your new e-bike purchase!

This e-bike is a powerful combination of a high-end bicycle, a strong engine and a high-quality lithium battery. Faster and farther with more fun. It is the perfect companion for your fitness program, leisure rides and cargo rides. Due to physical differences, riding habits and riding characteristics of each cyclist, especially during mountain and long-distance rides, cycling can be physically demanding. Our e-bike is specifically designed to make it easier for you and provide you with an enjoyable riding experience.

Please read this manual carefully.

Important notes

This manual contains important safety, performance and service information. Please make sure to read and understand the following warnings and precautions before using the product for the first time. If you lend your e-bike to another person, please ask them to read this manual to minimize the risk of accidents.

WARNING: Wear a suitable and certified helmet during the ride and wear fluorescent or reflective clothing at night.

WARNING: Your existing insurance policies may not cover everything that could occur while using an e-bike. Please contact your insurance company or insurance broker for more information.

NOTE: This manual does not cover all possible complications that may arise during riding. Please also refer to the FAQ. section to troubleshoot any issues with the e-bike. For further information, please contact your dealer. Please also consult your dealer or seek a professional service technician for repairs or maintenance when needed. Please pay attention to all warning instructions in this manual, read and understand the contents before using your bicycle.

WARNING: Warnings indicate that significant property damage, serious injuries, or death can occur to you or others. Please strictly comply with the legal regulations applicable in your country.

CAUTION: Tampering with the electric management system is strictly prohibited.

NOTE ABOUT IMAGES:

Images and graphics in the manual may differ from your actual product, as the e-bike is manufactured in multiple versions. The images are intended as supplements to the text and for better understanding.

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E-BIKE IDENTIFICATION / BICYCLE PASS

PLEASE COMPLETE THE FOLLOWING E-BIKE PASS CAREFULLY IN YOUR OWN INTEREST!

FRAME NO. *

MODEL

TYPE

BATTERY SERIAL NO.

ENGINE(REAR /CENTRE)

ENGINE SERIAL NO.

SIZE(IN INCHES)

COLOUR

FRAME/FORK/RIM

GEAR SHIFT

DERAILLEUR

NUMBER OF GEARS

**SPECIAL
EQUIPMENT**

SPRING FORK

BASKET

FRONT CARRIER

OTHER

OWNERS

SELLER

PURCHASE DATE

*THE FRAME NO. IS LOCATED ON THE SIDE OF THE FRAME ABOVE THE ENGINE

INFORMATION ON SERIES AND FRAME NUMBERS

Your e-bike has a unique frame number. Make a note of this on the warranty certificate or in connection with your invoice and keep the certificate in case of theft. In this case, the passport contains all the relevant information for the police or your insurance company. To maximize the protection of your e-bike against theft, you should purchase a high-quality U-lock or chain lock. Please do not leave your e-bike in an unattended place. Please lock the main components such as the frame battery when you lock the e-bike. Your local police station or the ADFC (Allgemeine Deutsche Fahrrad Club) usually offer a free bicycle registration service. In the event of theft, this makes it easier to file a report and deal with your insurance company. There is also a matching free app from the police (for iOS and Android in the matching app store). This information applies to Germany; check with your authorities. There is a comparable free service in almost every country.



(Bike Pass App)

1. UNPACKING AND ASSEMBLY INSTRUCTIONS

Note: Your e-bike is slightly heavier than a normal bike. We strongly recommend two people lifting it out of the box.

Supplied in the tool kit:

Allen key 4, 5, 6

Open-end spanner 14/15



Use a blanket or old carpet to prevent the floor and e-bike from being scratched during assembly.

Please read the following instructions carefully before unpacking and assembling your e-bike and follow the recommended sequence:

1	Carefully open the packaging box (to avoid injury, please wear gloves).
2	Carefully remove the bike from the box, preferably in pairs.
3	Place the bike on a blanket to avoid scratching the floor and the bike.
4	Take all the parts out of the large box, including the accessories box.
5	Carefully cut the various cable ties. By doing so, do not accidentally damage the bike, paint or tyres or lose accessories.
6	Remove all protective material.
7	Remove the e-bike battery from the packaging or from the e-bike battery sled and charge it.

WARNING: If you need to upgrade parts or add accessories, please note the following: Before attaching parts or accessories, make sure that the specifications and dimensions match. Please check with your dealer if necessary. Parts with different specifications can be fitted but there is a major safety risk.

WARNING: Incorrect installation, use of parts not supplied with the e-bike and improper modifications to the original condition of the e-bike may result in significant property damage or the voiding of any warranty or guarantee claims. Even accidents, serious injuries or death can be the result. If you wish to upgrade or add further parts or accessories, please contact your dealer or a suitable expert.

WARNING: If you replace parts of the e-bike, upgrade parts or add accessories, please note that such changes may not have the same safety qualifications, so there is a certain safety risk.

Designation of the e-bike parts



1. Handlebar with display and brake lever
2. Basket holder
3. Front light
4. Fork
5. Front wheel
6. Front disc brake
7. Front brake

8. Pedal and chainring
9. Engine
10. Drive belt
11. Rear disc brake
12. Rear wheel
13. Rear brake
14. Tensioning strap

15. Rear light
16. Luggage carrier
17. Saddle
18. Suspension seat post
19. Seat post with quick release
20. Battery mount

2. ASSEMBLY

2.1 Before assembly

WARNING: Incorrect assembly of your e-bike can cause significant damage to the bike and even personal injury. If you are not sure whether your assembly is correct, please contact your dealer.

WARNING: The engine, controls, sensors, battery and various cables on your bike must not be used for other purposes.

Do not disassemble or modify [adjust] these parts as this may cause serious damage to them, voiding the warranty. It may also harm your personal safety. If you need assistance, please contact your dealer. Please bring the tyre pressure of the front and rear wheel to at least 2.8 bar **before the first ride**.

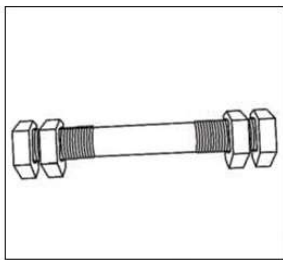
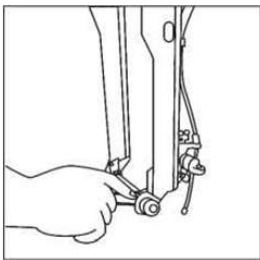
Attention: Tyre pressure should not be higher than 3.5 bar!

Note: For transport reasons, we can only deliver the e-bike with very low tyre pressure. Do not ride without first inflating the tyres!

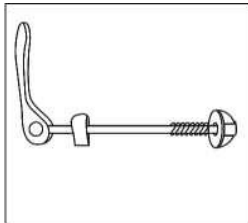
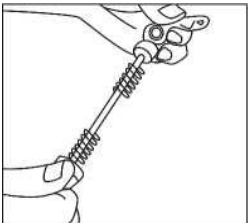
2.2 Installing the front wheel

1. Remove the front fork protector.

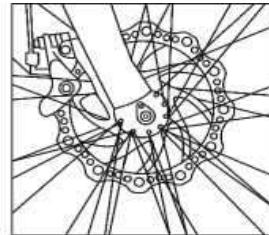
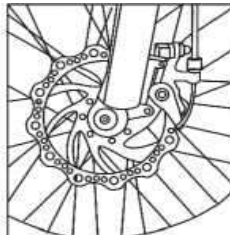
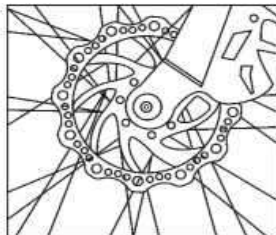
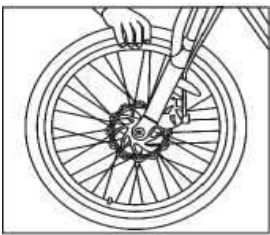
Please note: The front fork protector is used to prevent the forks from being deformed during transport. It belongs to the packing material, so you can throw it away.



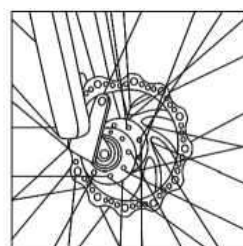
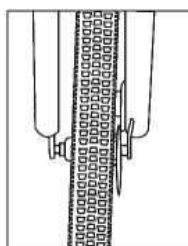
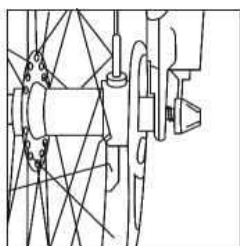
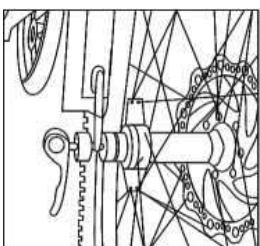
2. Remove the quick release from the wheel and loosen its screw.



3. Install the front wheel on the fork. Make sure the fork is attached to the axle and make sure the disc is placed in the middle of the brake.



4. Insert the quick release axle into the spring and tighten the screw (quick release nut has to be at the same end as the brake).



2.3 Fitting the handlebar

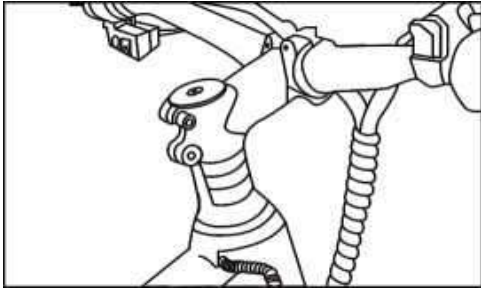


Fig. 1

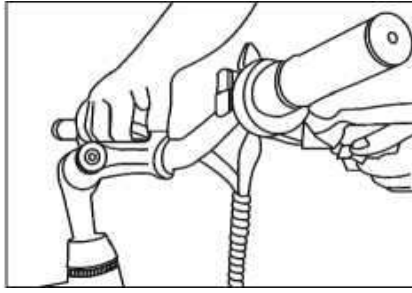


Fig. 2

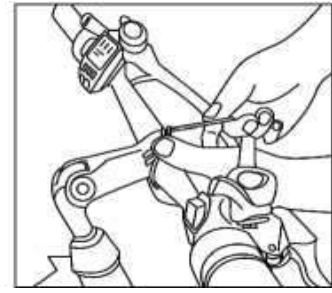


Fig.3

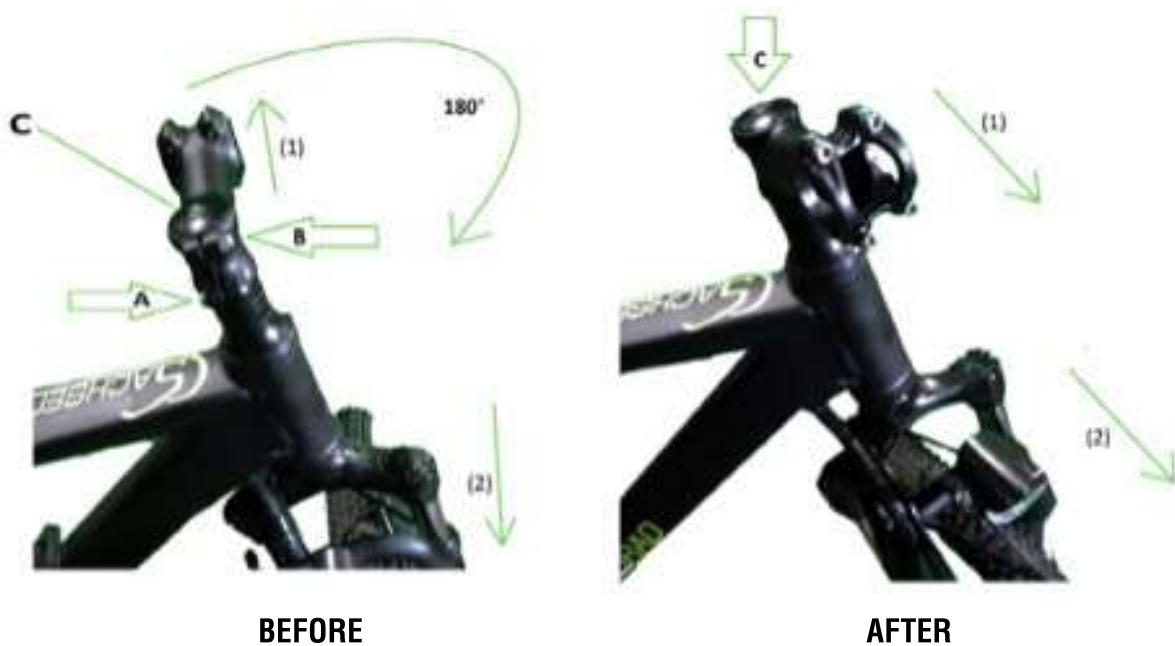
Now you have to mount the handlebar and then readjust the steering head bearing. First loosen the four bolts of the stem (Fig.1)

NOTE: The stem is designed differently on some versions.

Now place the handlebars in the stem shell (please note the direction and route of the cables and Bowden cables) and screw the stem back on as shown in Fig. 2. Before doing so, align the handlebar centrally with the stem and tighten the four hexagonal bolts crosswise using the tool supplied. Tighten the bolts evenly and carefully.

ADJUSTING THE TILT OF THE HANDLEBAR: First loosen the clamping spindle screws of the handlebar sleeve (Fig. 3) with the appropriate hexagon socket spanner. Adjust the angle of inclination of the handlebar by turning the handlebar forwards or backwards around its own axis by hand. Tighten the clamping spindle screws again.

2.4 Aligning the steering head bearing and stem



Note: This step may differ for your model and may not be necessary because it is already preassembled.

Note: The handlebar has not been mounted in the illustration yet, this is solely for the clarity of the graphic. Please stick to the assembly sequence described.

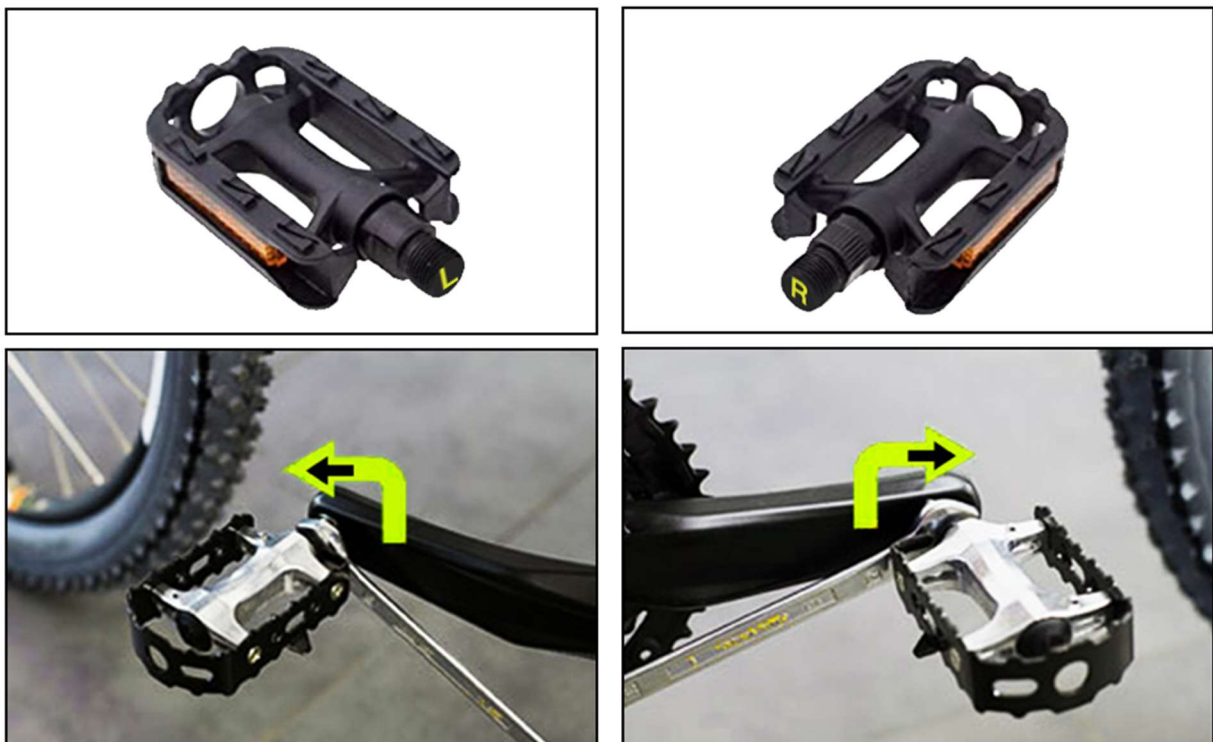
Now that the handlebars are installed, you still have to turn the stem 180 degrees so that the suspension fork and handlebars are in the correct position. To do this, first detach the rubber screw cover (C) and loosen the underlying screw (C) with the appropriate tool.

Then loosen the horizontal stem screws ((A) and (B) in the illustration) so that the steering head bearing can move freely when turning and tightening. Now align the handlebars with the stem at a 90-degree angle to the suspension fork by rotating it by 180° (use the cables and Bowden cables as an orientation). The arrows (1) and (2) describe the directions of the stem and the suspension fork.

On the left picture, it shows the condition as delivered and the one on the right, it shows the final alignment of the assembly. When everything is correctly aligned, tighten the single cap screw (C) until the steering head bearing has no more play but is still easy to move. Then you can unscrew the two horizontal screws of the handlebar stem once from the left (A) and once from the right (B) until everything forms a unit. As a last step, put the rubber screw cover (C) back on the hex screw.

2.5 Installing the pedals

1. Please secure your bicycle. Make sure that 2 people hold it, so that the belt and crank can turn smoothly.
2. Take the pedals out of the packaging and sort them. „R“ stands for the right foot, „L“ is for the left foot.
3. Align the foot thread with the mounting hole on the crank, tighten the right pedal clockwise and the left pedal anticlockwise.
4. Use a 15mm open-ended spanner to lock the pedal.



WARNING: Improper installation of the pedal can pose a serious safety hazard resulting in significant property damage, serious injury or death. Please check that the pedals are secure before each use.

2.6 Fitting the saddle

1. Make sure that the quick-release of the seat post is open (picture A).
2. Insert the seat post into the bracket of the frame (picture B)
3. Press the quick-release lever onto the frame and close it.

Please make sure that the lever is locked (picture C). Otherwise, injuries may occur.



Picture A



Picture B



Picture C

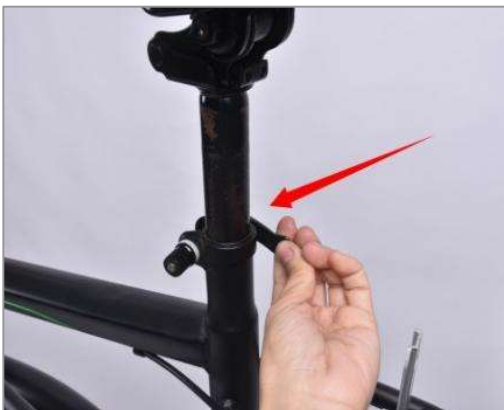
Note: Please adjust the nut on the opposite side of the lever to adjust the tightening force of the lever.

WARNING: Do not pull out the seat post more than the marking of the minimum insertion depth. The marking must not be visible! (Risk of breakage and accident! No warranty in case of disregard!)

2.7 Adjusting the saddle height

1. The height of the saddle can be adjusted with the quick-release on the saddle rail. You only need to release the quick-release lever to freely select the height of the saddle. After you have adjusted the desired height, lock the quick-release lever again and the adjustment is complete.
2. After the adjustment, make sure that the quick-release lever of the seat post is well locked. The seat post must not slip.

WARNING: Incorrect installation of the seat post may result in serious injury or death. It is strictly forbidden to raise the height of the seat post above the safety line.



2.8 Lighting

NOTE: If the accessory package includes front lights, rear lights and a bell, these must still be attached

Rear light

The rear light is mounted on the rear frame.



Front light

If you do not find your front light already installed to the front of the bike, unpack the light from the accessory box and install it using the hexagonal bolt and nut supplied. You will find the necessary tools in the tool bag inside the accessory box. Connect the plug of the lamp to the plug on the e-bike. Pay attention to the arrows on the side.



3. CONTROL DISPLAY

3.1 First use

Please read this section carefully.

1. Put on your helmet and choose a quiet place away from cars, other bicycles, obstacles or risky environmental conditions.
2. Ride your electric bike for a test ride without engine assistance and adjust everything to suit you.
3. Press the switch in the centre of the display control unit for at least two seconds to set your engine to standby.

NOTE: Please only switch on the e-bike system when you are safely on the bike.

WARNING: Do not sit on your bike with the bike stand unfolded as this may cause damage to the vehicle and personal injury.

3.2 Braking with the e-bike

Note: When you apply the brakes, the engine is automatically switched off, which is a standard safety setting. Try the brakes at low speed. Never brake hard and in the best case, squeeze both brakes together.

WARNING: If you suddenly and harshly engage the front brakes, you will roll over. Please do not set your brakes too hard to prevent wheel lock and accidents. Check the sensitivity and braking force of the brakes before each ride.

3.3 The control display

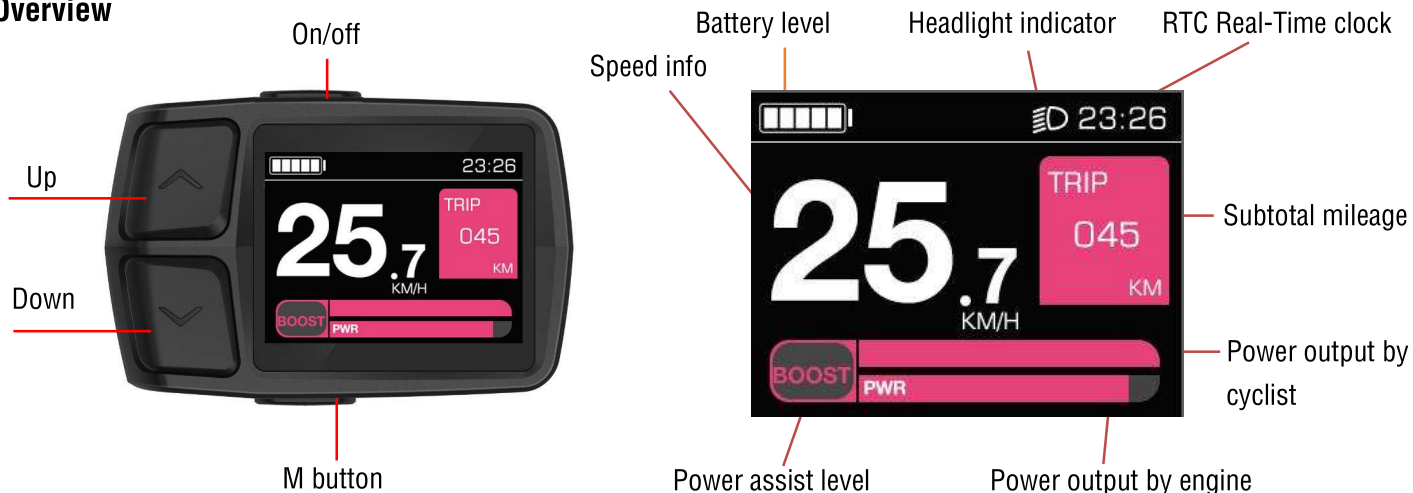
Intelligent control display for electric bikes - Model: DM07



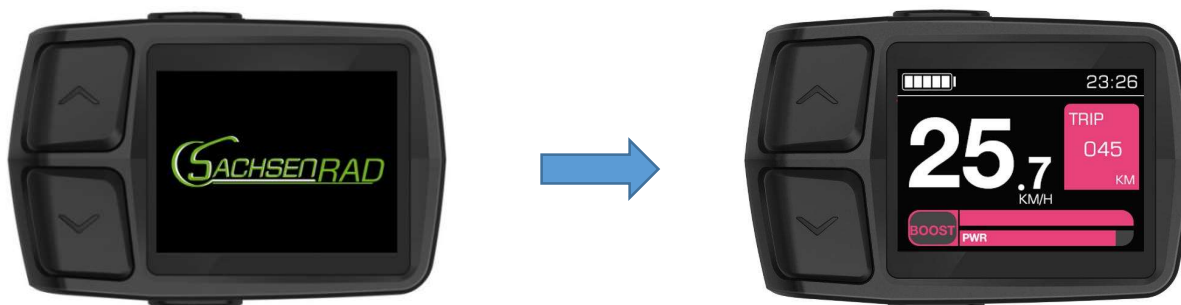
Specifications

- Power supply: DC 24V/36V/48V
- Rated current: 23 mA
- Shutdown leakage current: <1uA
- Screen specification: 2.0inch IPS LCD display
- Operating temperature: -10°C to ~ 60°C
- Storage temperature: -20°C to ~ 70°C
- Waterproof level: IP65

Overview



User interface and basic interface



After switching on, the logo will be displayed for 3 seconds while the instrument establishes communication and acquires information. It will switch to the riding display interface after.

Function Interface 1



It mainly displays speed and mileage information, including single mileage, accumulated mileage, average speed and maximum speed. The single mileage information TRIP is the same as the main interface.

Function Interface 2



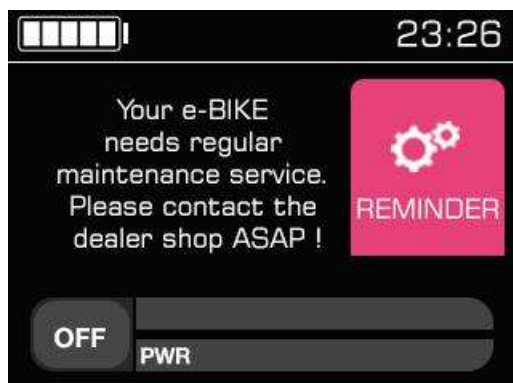
While in the basic function interface, switch the display of each function interface by shortly pressing the M button. If no button is pressed under any function interface within 5 seconds, the device returns to the basic function interface.

Implementing the booster interface



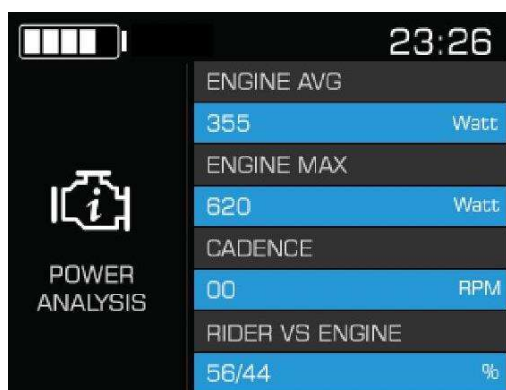
Press and hold the button  to enter push assist mode

Maintenance Reminder Interface



The device can be set up for regular maintenance reminders, so that it notifies the customer after the user gets the vehicle to reach the set mileage value. The current reminder can be cancelled manually after a short press on the M button. The maintenance reminder mode is on by default. The maintenance mileage is factory preset at 5000km and cannot be changed. That means, every 5000km the system will remind the user to do the whole vehicle maintenance.

Power analysis



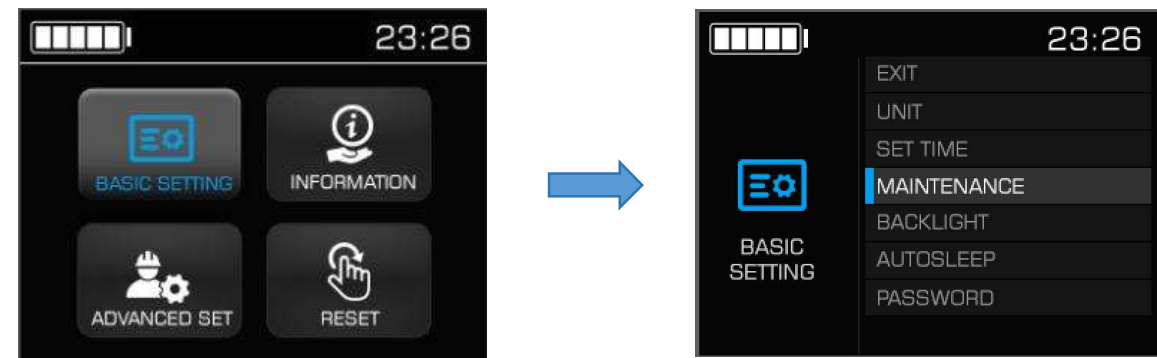
The power analysis area mainly displays power statistics like average power, maximum power, pedalling frequency (cadence) and the output of the cyclist in comparison to the engine.

Fault code display interface



When the device receives the fault information returned by the controller, it will display the fault code interface, prompting the user with relevant electrical system fault information. The fault code is displayed numerically in the speed value area.

Setup interface



Within 10s after switching on the device, press and hold M to enter the setting interface. After that, shortly press the buttons and to switch the setting interface up or down and confirm it by pressing M again after you adjusted your settings.

Assisted Gear Shift



When switched on, use the buttons and to activate and change the power-assisting.

Headlights Control

By pressing and holding the button , you can manually switch on the lighting. The light icon then will be displayed in the upper left corner of the device interface, indicating the light is switched on. The screen brightness will be reduced to the set value when the lights are switched on.

Battery indicator

The battery performance display consists of a battery bar and the remaining percentage. Before communication is established between the display and the battery, the percentage is not displayed while the energy bar is full and flashes. The connection should not take longer than 3 seconds. If the battery capacity is less than 5%, it is displayed at level 0 and flashes. Then, the engine does not provide any power and the switch for the assisted mode is deactivated and displayed as OFF or O. To exit undervoltage mode, reset the device by raising the voltage above the undervoltage value and the bring the battery capacity above 5% by charging.

Percentage of battery margin	Battery bar	Instruction
$80\% \leq \text{SOC}$		Full battery, Level 5
$60\% \leq \text{SOC} < 80\%$		Level 4
$40\% \leq \text{SOC} < 60\%$		Level 3
$20\% \leq \text{SOC} < 40\%$		Level 2
$10\% \leq \text{SOC} < 20\%$		Level 1
$0\% \leq \text{SOC} < 10\%$		Level 0, the battery symbol flashes

Quality assurance and warranty

The warranty is valid for 24 months, from the date of purchase of the e-bike and only when used properly.

The following cases are not covered by the warranty:

1. The display is torn off.
2. The damage of the display is caused by incorrect installation or use.
3. The housing of the control display has been damaged after the purchase of the e-bike through the fault of a third party after the purchase of the e-bike.
4. The cable of the display is broken.
5. The warranty period has been exceeded.

Warning

1. Use the display with care. Please do not open the housing.
2. Avoid hitting the display with objects.
3. Contact the manufacturer if the display does not work properly.
4. This manual is a universal version for display - CDC13. The specification may differ to the software.

Attention!

It is strictly forbidden to open the display controller and engine controller privately. Also do not change the components and circuits in the controller. Do not overload or operate the engine over a long distance or a very steep incline and don't change the mounting position of the controller. It is strictly forbidden to attach other things to the controller housing that will affect heat dissipation.

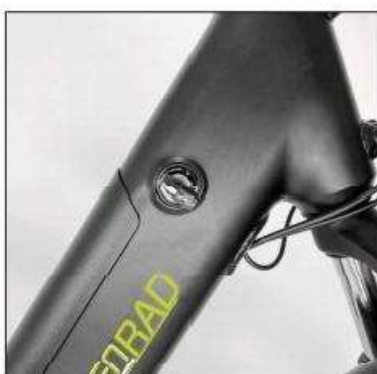
Warning: Do not clean the battery sled with integrated controller with liquids when cleaning the bike. The controller should always be well ventilated.

4. E-BIKE BATTERY

4.1 Removing the battery

When you receive your e-bike, the battery is already inserted in the frame. To remove the battery, proceed as follows:

1. Insert the key for the battery into the lock and turn the key clockwise.
2. Grab the battery with one hand and press it gently from right to left. When the battery is sufficiently detached, grasp it with both hands and remove it from the frame.



4.2 Battery use

Always check the remaining battery power. If your battery contains less than one cell (20%), please charge it as soon as possible. The engine and battery control will stop automatically to protect the battery and prevent a power failure when the battery voltage is below a certain level.

Warning: Never use the battery until it is completely discharged, as this will seriously affect the capacity and charge level of the battery. If the battery stops working, use an appropriate charger to recharge the battery.

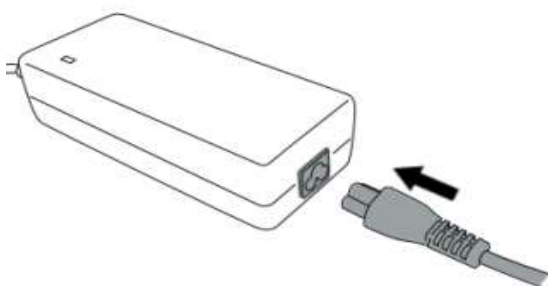
Note: If you suddenly encounter a steep incline while riding and your speed drops below 10 km/h, you should dismount and climb the incline on foot to prevent the belt and engine from being damaged. Otherwise, the engine may overheat. The battery discharges too quickly at high power and the battery capacity and life are reduced.

WARNING: Improper removal, repair, use or storage of the battery may void the warranty and may result in serious consequences. It is strictly prohibited to use the battery of your electric vehicle for other vehicles or devices. Doing so will void the warranty and may result in serious consequences such as fire, serious injuries or death. If you have any questions about the use of the battery, please contact your dealer.

WARNING: Never short circuit a battery pack intentionally. Doing so may result in an explosion, fire, and serious risk to your health.

4.3 Charging

1. Make sure your e-bike is switched off and plug the power cord into the charger.
2. Uncover silicon lid to charge from the charging port of the bike frame. (Please gently pull the silicon lid to avoid breaking.)





Step1



Step 2

3. When the charger is connected to the battery, the LED on the charger turns red. Once the charge is completed, the LED turns green.
4. After charging, first disconnect the input plug of the charger and then the output plug.

Battery and charging notes:

Battery	Charging
	
<p>You can check the charge level of your battery by looking at the display. The engine and battery control stops automatically to protect the battery and prevent a power failure as soon as the battery voltage falls below a certain value. Please make sure to recharge the battery as soon as possible. A deep discharge will damage the battery.</p>	<p>Ensure that you only use the supplied charger to charge the battery. If you use any other charger that is not original, the battery will lose its warranty and may be damaged, resulting in fire, injury or death.</p>
<p>Improper disassembly, repair, use or storage of the battery may void the warranty and may result in serious consequences. It is strictly prohibited to use the battery of the e-Bike for other vehicles or equipment. Doing so will void the warranty and may result in serious consequences such as fire, serious injury or death.</p>	<p>Under normal conditions, the battery can be fully charged in about 5-8 hours. The time required to fully charge the battery and the operating time vary depending on the capacity of the battery.</p>
<p>Do not intentionally short-circuit the battery, as this may result in an explosion, fire and serious harm to your health.</p>	<p>You can recharge the battery at any time if it has no power. If you do not charge the battery for a long time, it will gradually lose performance and service life. If used and maintained properly, your battery can retain more than 80 per cent of its capacity after more than 500 charging cycles, but a drop in total capacity is inevitable.</p>
<p>The battery leaks can be toxic and the electrolyte can be irritating and corrosive, so absolutely avoid skin or eye contact in the event of a battery leak. Wash the affected area immediately and consult a doctor if necessary.</p>	<p>Do not place any objects on the battery and charger during charging, as this can lead to overheating and serious consequences.</p>
<p>Keep the battery away from fire and other heat sources and protect it from strong sunlight. Do not use the battery if you feel unusual heat, odour or discolouration and/or if there is visible damage to the battery.</p>	<p>Please use the charger indoors, damage caused by improper use is not covered by the warranty.</p>

5. BEFORE THE FIRST JOURNEY

Please always wear a safety helmet of the correct size. If you wish to lend the e-bike to others, please ensure that they wear a safe and appropriate helmet.

Do not take anyone with you on the bike!

Overloading, which can be caused by double occupation, can have serious consequences resulting in significant property damage, serious injury or death.

Compliance with traffic laws and regulations

Please drive on the legally prescribed side of the carriageway. Always follow the local laws and regulations!

Reflectors

Please keep the reflectors clean, bright and do not remove them.

Check the brakes

Please check the braking distance and braking force before each ride. Please note that the right brake corresponds to the rear brake and the left brake corresponds to the front brake. Your e-bike is equipped with normal specifications of brake pads. Please check the brake pads every time and if necessary, ask your dealer about them. If the brake pads are worn, please replace them as soon as possible.

Tyre pressure

Usually, the tyre pressure is indicated on the side of the tyre. Your tyres contain tubes that you must inflate, so please check the pressure of the tyres before each ride. Tyres lose pressure gradually, this is normal. If you lose too much air pressure, please inflate them again. If your tyre pressure is insufficient, this will result in additional power consumption, effort and reduce your range.

WARNING:

If you brake hard and lock the tyre, this will cause a rollover, which could result in significant property damage, serious injury or death. If you are not sure whether your brake setting is appropriate, please consult your dealer or seek professional advice.

6. MAINTENANCE

Component	Initial assembly	500km or half year*	1000km or 1 year*	Per 1000km or 1 year*
Tubes and tyres	×	×	×	×
Wheel incl. rims and spokes	-	×	×	×
Brakes	×	×	×	×
Light and reflectors	×	×	×	×
Stem and handlebar	×	×	×	×
Steering head bearing	×	×	×	×

Saddle(support)	×	×	×	×
Frame	-	×	×	×
Circuit	×	×	×	×
Suspension fork	-	×	×	×
Battery and battery holder	×	×	×	×
Drive system	-	×	×	×
Belt	-	×	×	×
Bottom bracket, cranks and pedals	-	×	×	×
Accessory components	-	×	×	×
Screw connections	×	Before each ride		
Quick release	×			

*The earlier event is considered as orientation

You can use this maintenance table and the service table voluntarily to have inspections and repairs properly carried out and entered by your mechanics. You are not obliged to do so. In the event of a later warranty claim on your e-bike, this can help us with the assessment and possibly confirm or even increase the chances of goodwill.

WARNING: For your safety, the battery must always be removed during maintenance!

The specifications usually include cleaning, greasing and adjusting the specific component and, if necessary, replacing it due to wear, fatigue or damage. General information and brief instructions for the care of individual parts can be found on the following pages.

WARNING: Be aware that components and systems can heat up from use. Wait some time after riding before starting care, inspection or maintenance to avoid burns.

Regular inspection - small checklist:

A	Check the tyres for damage and whether the tyre pressure is sufficient.
B	To check the function of the front brake, apply it half or two thirds and if the front wheel does not turn, everything is functional. To check the rear brake: Put weight on the foot pedal when lifting the bicycle. The brake is effective if the rear wheel does not turn.
C	Make sure that the parts for the quick-release lock are engaged in their place.
D	The safety line on the tube of the handlebar attachment and the saddle must not be visible. Check that everything is firmly tightened.
E	Check whether the frame and front fork are cracked or deformed, whether pedals, gears and tyres are intact.
F	Check if the gearbox is deformed or damaged.

G	Check the bolts and nuts. Raise the front and rear wheels approx. 10 to 20cm and then let your e-bike bounce on the ground. If noises occur, loose parts may be present.
H	Check that the lighting can be used normally.
I	Regular cleaning of your e-bike is recommended. This avoids the build-up of stubborn dirt, as well as premature rusting due to salty air or water.



ATTENTION: Do not use high-pressure cleaners or aggressive and grease-dissolving agents.

TIP: Use water and a soft cloth to avoid damaging your e-bike. In the case of heavy soiling, you can use special bicycle cleaning agents.

Notes on the inspection and maintenance of some components and systems:

Impellers	The front and rear wheels of the vehicle should be in the centre of the fork or frame. The tension of each spoke on the wheel rim should be similar and the rim should form a regular circle without dents. If spokes are missing or broken, the rim will lose stability. Please ask your dealer or professional technician about repair and troubleshooting. The edge must be smooth. If it is not, it will increase the resistance of the ride or cause a hazard. If you think you need to make adjustments, please contact your dealer or see a professional technician.
Belt	Your e-bike is equipped with a high-quality drive belt.
Tyres	Always check the tyre for scratches, cracks or excessive wear. The tyre should be properly combined with the rim. The tyre bead line should be fully exposed. If the tyre cannot be fully expanded, apply water to the rim and tyre to increase lubrication. The valve of the bicycle inner tube should be perpendicular to the rim. Damaged or excessively worn tyres must be replaced immediately. Please contact your dealer or a technical specialist to replace your tyres. If your tyres have been punctured accidentally, contact your dealer or technician for repair or replacement.
Middle motor	Do not open the engine and do not overload or operate the engine over a long distance or on a very steep incline. It is strictly forbidden to attach other things on or to the engine housing, this can negatively influence statics, driving safety and heat dissipation.
Brake system	Depending on the conditions, the braking effect may decrease after a short running-in period or you may hear a squeaking noise. You should carefully clean your brake discs with a suitable cleaner (brake cleaner). If the braking effect decreases, we recommend that you visit a specialist workshop or a suitable technician.

7. SAFETY INSTRUCTIONS

Please wear a helmet!	When riding the e-bike, please wear a safe, approved helmet! It is strictly forbidden to carry people. Please observe the traffic rules and be careful with suddenly opening car doors. Try to keep away from cars parked at the side of the road in case the door suddenly opens or the car blocks the line of sight so that you cannot see people or things suddenly appearing in time.
Please be especially careful in bad weather!	In wet weather, your electric bike brakes many times slower than normal. Please reduce your riding speed, brake in advance and ride carefully through curves. Make sure that you are seen by other road users. When riding on dark roads or at night, please wear clothing with reflective stripes or fluorescent paint as a warning. Switch on your own lights and check the reflectors and keep them clean. Drive slowly and with foresight.
Please concentrate!	You should pay attention to the traffic!
Check your vehicle before every journey!	Please check your entire e-bike before each ride: brakes, tyres, rims, quick-release levers and all screws or components. The battery must be carefully maintained to ensure its safety and reliability.
Pay attention to the legal regulations in the country where you use your e-bike!	
Do not open your battery!	<p>Modifications to your battery can cause explosions and significant damage. Never short-circuit a battery on purpose. This can result in an explosion, fire and serious danger to your health. Leaking batteries can be toxic. Therefore, be sure to avoid skin and eye contact with leaking batteries. Immediately wash the affected area and consult a doctor if necessary.</p> 

8. SERVICE PAPER

You can use this template voluntarily to have inspections and repairs properly recorded by your mechanics. You are not obliged to do so. In the event of a later warranty claim on your e-bike, this can help us with the assessment and increase the chances of goodwill.

1. Inspection	2. Inspection	3. Inspection	4. Inspection
Performed on:	Performed on:	Performed on:	Performed on:
Signature/Stamp Specialist workshop	Signature/Stamp Specialist workshop	Signature/Stamp Specialist workshop	Signature/Stamp Specialist workshop

5. Inspection	6. Inspection	7. Inspection	8. Inspection
Performed on:	Performed on:	Performed on:	Performed on:
Signature/Stamp Specialist workshop	Signature/Stamp Specialist workshop	Signature/Stamp Specialist workshop	Signature/Stamp Specialist workshop

9. Inspection	10. Inspection	11. Inspection	12. Inspection
Performed on:	Performed on:	Performed on:	Performed on:
Signature/Stamp Specialist workshop	Signature/Stamp Specialist workshop	Signature/Stamp Specialist workshop	Signature/Stamp Specialist workshop

9. F.A.Q. - Frequently asked questions about problems and their solutions

Problem	Possible cause	Solution approach
Control display does not react - Attempt to switch on without result	<ol style="list-style-type: none"> 1. Battery empty 2. Battery does not sit correctly in battery sled 3. Connecting cable control display / control unit is not connect or defective 4. Control display defective 5. Battery (circuit) defective 	<ol style="list-style-type: none"> 1. Fully charge the battery 2. Return the battery slide to its original position and tighten the two fastening screws firmly 3. Connecting the plug of the display control to the handlebar control 4. Replacing the control display 5. Replacing the e-bike battery
E-bike and control display fail after a short ride or not reaching the maximum motor support	<ol style="list-style-type: none"> 1. E-bike battery is almost empty 2. Plug contacts of the battery slit not connected 3. Battery protection and charge control defective 4. Defect in display control or engine control unit and Engine damage 	<ol style="list-style-type: none"> 1. Fully charge the battery 2. Position of the battery slide* check 3. Replacing the e-bike battery pack* 4. Exchange of the respective component*
Despite correct operation, the motor does not run	<ol style="list-style-type: none"> 1. Circuit breaker in brake lever defective 2. Detached motor cable connector 3. Battery cable detached 	<ol style="list-style-type: none"> 1. Check cable contacts or replace the brake lever including cable* 2. Checking the plug connections* 3. Check battery cable*
Low range although battery fully charged	<ol style="list-style-type: none"> 1. More stringent requirements due to changed load, gradient, headwind, etc. 2. Battery too old 3. Battery defective 4. Storage or use at ambient temperatures that are too cold temperatures (below 5°C) 5. Brake system grinds 6. Insufficient lubrication of one of the moving components 	<ol style="list-style-type: none"> 1. Strengthen own pedal insert 2. Replace the battery* 3. Replace the battery* 4. Increase your pedalling power. Store the battery above 7 degrees and below 25 degrees before riding 5. Adjust brake* 6. Check bearings and re-oil if necessary*
Battery does not charge	<ol style="list-style-type: none"> 1. Plug connections loosened 2. Battery defective 3. Charger defective 	<ol style="list-style-type: none"> 1. Check plug contacts* 2. Replace battery* 3. Replace charger
Front light does not work	<ol style="list-style-type: none"> 1. Errors in operation 2. Cable connection defective 3. Plug loosened 4. Front light defective 5. Battery Empty 	<ol style="list-style-type: none"> 1. Read Control Display Operation* 2. Replace cable* 3. Check plug connections 4. Replace front light* 5. Fully charge the battery

Unusual noise development	1. Belt must be regreased 2. Gear change must be readjusted 3. Belt is too tight 4. Pedal crank has loosened 5. Steering head bearing has too much play	1. Regrease belt 2. Readjust gear shift* 3. Retension belt* 4. Tighten the crank arms* 5. Tighten steering head bearings
Braking effect decreases, Brake shows no effect	1. Brake pad wear 2. Brake incorrectly adjusted 3. Brake become too hot under continuous loading (e.g. due to long downhill rides)	1. Renewing the brake pads* 2. Readjusting the brake system* 3. Use brake alternately
Unsteady behavior of the drive belt in the first or last gear of the gear shifting system Gears do not shift cleanly	1. The gear shift is misaligned 2. Parts of the gear shift are defective 3. Gear shift, belt and shift arm are heavily soiled or not sufficiently lubricated	1. Adjusting the gear shift* 2. Replacing the defective components* 3. Cleaning and regreasing of the respective components

* Please do not carry out these solutions yourself. Please contact a suitable technician or specialist workshop or our support.

10. DATA SHEET

Model: C5R		
1	Dimensions	1880 x 650 x 1100mm
2	Wheel diameter	27.5"
3	Weight incl. battery	26 kg
4	Maximum speed	25 km/h
5	Maximum permissible load	125 kg
6	Maximum permissible total weight	150 kg
Main battery parameters		
1	Battery type	Lithium-Ion /internal frame battery
2	Capacity of the battery	36V 13Ah
Main parameters of the engine		
1	Engine mode	Rear wheel hub engine, brushless
2	Max Power	DC-Motor 36V 250W
Battery charger		
1	Input voltage	AC 100 - 240 V, 50/60 Hz
2	Output voltage	42 V DC
3	Output current	2A

11. DECLARATION OF CONFORMITY

The manufacturer declares that the above-mentioned products are in conformity with all relevant declarations of the Machinery Directive -2006/42/EC, Low Voltage Directive 2014/35/EU Product Safety 2001/95/EC, RoHS 2011/65/EC 2015/863 and are compliant with the Electromagnetic Compatibility 2014/30/EU.



12. DISPOSAL

In connection with the sale of batteries or the delivery of devices containing batteries/rechargeable batteries/lamps, we are obliged to inform you of the following:

Do not dispose of your old appliance in household waste!

As the end user, you are legally obliged to return used batteries/battery packs/lamps. In the case of a removable battery/battery or illuminant, you must return them separately to the appropriate return system. You can return old appliances/batteries/lamps to the collection points of the public waste disposal authorities (recycling centres) and to distributors as defined by the ElektroG (retail trade). In addition, you can return such old devices/batteries/lamps, of which LEICKE has similar devices in its range, to our dispatch warehouse:

LEICKE GmbH

Ref.: Old appliances/batteries/lamps

Stöhrerstr. 17

04347 Leipzig

You are completely responsible for deleting possible personal data on old devices.

The symbols shown on the batteries have the following meanings:

The symbol of the crossed-out wheeled bin means that the battery must not be disposed of with household waste.

Pb = battery contains more than 0.004% lead by mass

Cd = battery contains more than 0.002 mass percent cadmium

Hg = battery contains more than 0.0005 mass percent mercury.

Please note the information above.



13. COMPANY INFORMATION

We have made every effort to ensure that the information in this manual is correct, although product function parameters are subject to change without notice.

LEICKE GmbH

Stöhrerstr. 17

04347 Leipzig

info@leicke.com

14. WARRANTY

Manufacturer's warranty/warranty conditions and service for LEICKE e-bikes

Warranty and guarantee:

You can make warranty claims within a maximum period of 24 months, calculated from the date of purchase. The warranty is limited to the repair or replacement of the damaged component / e-bike and is at our discretion. Our warranty is always free of charge for you. However, it does not apply if defects other than material and workmanship defects are detected.

Frame guarantee:

The frame is guaranteed for 5 years against breakage. The warranty starts from the date of purchase. In the event of a frame breakage, we will offer you an exchange of the e-bike or a credit note, less a flat-rate usage fee, upon presentation of the purchase receipt. The amount of the flat-rate usage fee depends on the period since you purchased the e-bike. The warranty does not apply if defects other than material and workmanship defects are found. This also applies if you have drilled holes in the frame, e.g. to attach accessories. In this case, the warranty on the electronics of your e-bike also expires.

Battery warranty:

1. We provide a 12-month guarantee on the proper functioning of the battery. The warranty starts from the date of purchase. The warranty service is limited to the repair or replacement of the battery and is carried out at the discretion of LEICKE. The warranty service is always free of charge for you. The warranty does not apply if defects other than material and workmanship defects are detected. Changes due to wear and tear, such as capacity reductions, are expressly excluded from the warranty.

2. The claim to warranty or guarantee must be proven by presentation of the purchaser's sales receipt.

3. The investigation of the fault and its causes shall always be carried out by LEICKE. The components replaced within the scope of the warranty or guarantee become our property.

4. In the event of a justified warranty or guarantee claim, the costs of shipping and the costs of removal and installation shall be borne by LEICKE.

5. If the e-bike has been modified by third parties or through the installation of third-party parts, or if any defects that have occurred are originally related to the modification, the warranty and guarantee claim will expire. Furthermore, it expires if the instructions given in the user manual regarding the handling and use of the bike have not been followed. This applies in particular to the intended use as well as the care and maintenance instructions.

6. The following are not included in the warranty or guarantee:

a) Components subject to wear, consumption or deterioration (except for clear material or manufacturing defects), such as:

-Tyres - Lights - Saddle - Brake components - Stand - Battery - Belt - Sprockets - Grips - Fuse - Shift sprocket
-Stickers/Decals - Cables - Bowden cables - etc.

b) Damage attributable to:

- the non-use of original spare parts.
- Manipulation of the control software of the engine control unit (incl. de-throttling, tuning, etc.)
- the improper installation of components of the buyer or a third party.
- Damage caused by stone chipping, hail, road salt, industrial fumes, lack of care, unsuitable care products, etc.

c) Consumables not related to repair work on recognized faults.

d) Any maintenance or other work resulting from wear and tear, accident or operating conditions such as driving in disregard of the manufacturer's instructions.

e) All occurrences, such as noise development, vibrations, colour changes, wear, etc., which do not affect the basic and driving characteristics.

f) Costs for maintenance, inspection and cleaning work.

7. The claim to warranty or guarantee entitles the customer to demand only the rectification of the defect. Claims for return or reduction of the purchase price shall only apply after rectification has failed. Compensation for indirect or direct damage shall not be granted.

8. The warranty or guarantee period is neither renewed nor extended by an executed warranty or guarantee. The assertion of claims after the expiry of the period is excluded.

9. Warranty and guarantee provisions other than those listed above are only valid if confirmed in writing by Leicke GmbH / SachsenRad.

10. Should a technical problem occur with the e-bike you have purchased, please contact the support hotline of Leicke GmbH / SachsenRad.

Contact: info@sachsenrad.de
LEICKE GmbH,
Stöhrerstr. 17,
04347 Leipzig



15. RETURN RECEIPT

If you have any questions regarding your e-bike, please contact our customer service department:
info@sachsenrad.de

Your data				Return address			
Reference no.				Company	LEICKE GmbH		
Name				Street	Stöhrerstraße	Nr.	17
Street		No..		City	Leipzig	PLZ	04347
City		code		Country	Germany		
Country				Ref.	Return SachsenRad		
E-mail							

bought at	
bought on	

E-bike model / item number	
Frame size	
Color	

Please fill out this form carefully. All information is voluntary. Incomplete completion will not negatively affect your consumer rights, but will complicate and delay the processing of your return.

Reason for return	
Does not like, does not meet expectations	
Shipping carton damaged	
Wrong item was delivered	
No intention to buy	
Delivery time too long	
Delivery incomplete	
Item defective	
Item damaged	

In case of defect or damage, please indicate the reason for the defect.
Name missing parts under "Other"
(See next page)

Returning - Here's how it works if our customer service was unable to solve your problem.

1. Please contact our customer service before you return the product.

2. Pack well.

Take your time and pack the item carefully.

Remove old labels and barcodes from the shipping box.

You can find video instructions here: <https://youtu.be/zJ2FOVUJSYw>

3. Fill out the return receipt and put it in the package.

If you have already sent the receipt to us by mail,
it is sufficient to indicate the reference number.

4. Stick the return label on the package.

If you do not have a return label yet, then simply contact our customer service.

5. Take the package to the post office

After successful processing of the return, we will send you an e-mail and inform your dealer.

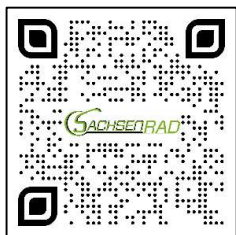
In the case of signs of use or damage, as well as improper shipping, we may be entitled to charge the resulting depreciation. Please refer to the instructions in your dealer's cancellation policy.

Defect	Description
Battery	
Charger	
Display (error code)	
Brakes	
Engine	
Handlebar	
Suspension fork	
Wheel	
Light	
Bottom bracket	
Other	

If you send this receipt by mail, please include pictures or videos of the defect as attachments.

Contact:

Leicke GmbH
Stöhrerstraße 17
04347 Leipzig
Telefon: 0341 - 218 259 00
E-Mail: info@sachsenrad.de
Web: www.sachsenrad.de



Ust-IDNr.: DE263609996
Amtsgericht Leipzig
HRB: 24739

WEEE-Reg.Nr.: DE 41805037
Zollnummer: 7275978



EU Erklärung der Konformität (Doc.)

Maschinenrichtlinie 2006/42/EU

ver161018

Wir

Firmenname:	Leicke GmbH
Anschrift:	Stöhrerstr. 17
Postleitzahl und Stadt:	04347 Leipzig
Telefonnummer:	0341 2196183
E-Mail-Adresse:	info@leicke.com

erklären Sie, dass das Dokument unter unserer alleinigen Verantwortlichkeit herausgegeben wird und zu dem folgenden Produkt gehört:

Modell / Produkt:	SachsenRad E-SUV C5R Centro E-Bike
Type :	BB12173
Charge	
Seriennummer:	

Gegenstand der Erklärung (Kennzeichnung des Gerätes zwecks Rückverfolgbarkeit; falls notwendig für die Identifikation kann ein Farbfoto mit genügender Schärfe beigelegt werden):

- Der Motor unterstützt bis zu einer Geschwindigkeit von 25 km/h.
- Die Motor Nenndauerleistung ist maximal 250 Watt.



Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsvorschriften der Union:

Maschinenrichtlinie 2006/42/EU
EMV Richtlinie 2014/30/EU
LVD Richtlinie 2014/35/EU
RoHS 2011/65/EU 2015/863

Die folgenden harmonisierten Standards und technische Spezifikationen sind angewendet worden (Kennnummer, die angewandte Fassung und das Ausgabedatum):

Titel, Datum des Standards/der Spezifikation:

EN 15194:2017	EN 55014-1:2006+A1 +A2
EN 61000-3-2:2014; EN 61000-3-3:2013	EN 60335-2-29:2004+A2
DIN EN ISO 4210-1 bis -9:2014/2015	EN 55014-2:2015; EN 62133:2013
EN 50581:2012; EN 60335-1:2012+A11:2014	EN 62233:2008; EN ISO 12100:2010

Benannte Stelle (falls zutreffend):

Kenn-Nummer der benannten Stelle:

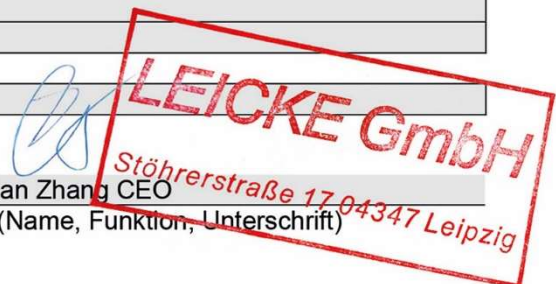
Zusätzliche Information:

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Unterzeichnet für und im Namen von:

Leipzig 01.02.2024
(Ausstellungsort) (Ausstellungsdatum)

Guan Zhang CEO
(Name, Funktion, Unterschrift)





We wish you
a good trip with your
E-SUV-CityBike C5R Centro

