



**USER MANUAL – EN**  
**IN 28393 Electric scooter W-TEC Raika 10**

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*Images are for illustrative purposes only, the final appearance of the product may vary.*

## SAFETY INSTRUCTIONS

- Read the manual before use and keep it for future reference.
- Do not park the scooter in places where parking is prohibited or in similarly marked areas (escape exits, stairs, etc.)
- Do not charge in areas with explosive gas, flammable substances, etc., do not charge continuously for more than 10 hours.
- Wear personal protective equipment while riding and comply with all traffic regulations, regulations and laws.
- Do not use the scooter on highways or expressways. Observe the minimum and maximum speeds on the given roads.
- Do not overload the scooter, the load must be distributed in such a way that it does not impair the riding characteristics of the vehicle.
- Do not adjust or modify the scooter. Do not use the scooter as a towing device.
- The scooter may only be used by an adult who is familiar with all regulations and use.
- Do not attach accessories to the scooter that may affect the vehicle's riding characteristics. Accessories or cargo must not exceed the width of the handlebars.
- Use only original spare parts, charger and battery or their approved spare parts.
- Do not use high-pressure cleaners, chemicals and solvents for cleaning and maintenance. You can damage plastic parts or cause corrosion and damage to metal parts.
- Keep limbs and clothing away from moving parts of the scooter.
- The side stand and main stand must be folded while riding.
- Do not use the scooter if you are under the influence of alcohol, drugs, medication or other substances that may affect judgment or coordination.
- Charge the scooter under constant supervision and away from other flammable substances.
- Riding a vehicle always carries a certain level of risk, danger or possibility of injury. Any protective equipment or instructions in the manual cannot protect you against possible injury, damage to other people's property or death. The seller is not responsible for accidents, injuries, property damage or possible death of the rider or other road users.
- Before riding, the rider is obliged to check the condition of the vehicle. If any defect is detected, the rider is obliged to immediately stop operation and not use the scooter until the defect is repaired.

## VISUAL INSPECTION OF THE VEHICLE

Front wheel	Check the tires for wear and inflation.
Rear wheel	Check the tires for wear and inflation.
Handlebars	Check the handlebars for play and movement.
Stands	Check the condition of the springs.
Cargo	Check that the load is secured and that it does not restrict safe operation and control of the vehicle.

Before riding, check the functionality of both brakes and the battery charge level.

# USE

## STARTING


**WARNING:** Start the scooter on a level surface.

You can start the scooter in two ways:

1. Insert the key into the ignition and turn it to the right, the control panel will light up. Press the brake



or [P] button, READY will appear on the display.

2. Using the remote control, press the  button twice within 3 seconds. The scooter will start, the control panel will light up and the scooter can be used without keys.

After starting, the control panel will light up.

**WARNING:** Check all warning or error indicators. Check the battery charge level and range.

**WARNING:** Check that all lights light up and that the direction indicators work.

**WARNING:** After starting, you must wait until all indicators come on and the scooter performs a test of all functions. Before starting, you must press the brake; after pressing the brake, READY will appear on the display and the scooter is ready to ride.

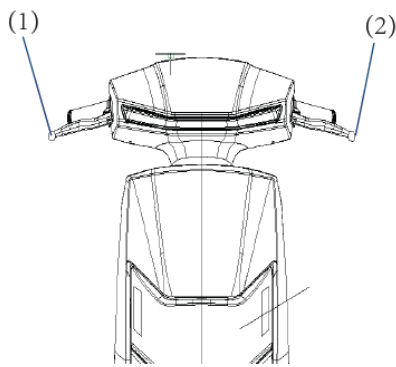
## SPEED CONTROL

The speed is controlled by the throttle. Turn the throttle towards you to accelerate, release it again to slow down.

**WARNING:**

- Sudden changes in speed or sudden braking may cause loss of control of the vehicle. Adjust the speed according to the road conditions. Change the speed smoothly.
- All users must be equipped with personal protective equipment (helmet, suitable clothing, etc.). The rider and passenger must be familiar with the correct posture, no part of the body must exceed the width of the handlebars. Feet must be placed on the footrests.
- Familiarize yourself with and obey all local regulations and laws for movement on public roads. Keep a safe distance from other vehicles.
- Before warming up the tires, it is necessary to exercise greater caution, cold tires have lower grip properties.
- Do not exceed the maximum load capacity of the vehicle.
- Do not use a phone, headphones or other products that may distract you while riding.
- If any abnormality or malfunction occurs, stop riding immediately and contact the service department. By riding a damaged vehicle, you endanger the lives of all road users.
- When riding in poor visible conditions, wear a reflective vest and exercise extra caution. When riding on wet, damp, snowy or otherwise dirty roads, exercise extra caution. Braking distances are longer.
- Exercise extra caution when riding over obstacles or in poor terrain.

## BRAKES



1. The rear hydraulic brake is operated by the left brake lever. Pressing it will operate the rear drum brake.

2. The front hydraulic brake is operated by the right brake lever. Pressing it will operate the front disc brake.

Braking heats up the discs and pads, do not touch the brakes immediately after use, let them cool down. There is a risk of burns.

### WARNING:

- Moisture and dirt can affect the vehicle's braking performance. Keep the brakes clean using suitable products. Check the condition of the disc and pads regularly.
- Maintaining a constant speed, sudden changes in speed can lead to loss of steering control.
- Use both brakes to brake and avoid sudden stops if possible.
- Braking distances increase depending on the vehicle load and road conditions.

## PARKING

Stop the scooter on a flat surface and turn it off. Rest the scooter on the stand.

### WARNING:

- The parked vehicle must be under constant supervision or sufficiently secured to prevent misuse by unauthorized persons.
- Some parts may be hot during parking (brake system), do not park the scooter near flammable or explosive substances.
- Park on a flat surface.
- If you park the scooter for a longer period of time, we recommend disconnecting the battery and charging the battery at intervals of 2 months.

## BATTERY MAINTENANCE

- Do not repair or disassemble the battery. Recycle damaged or worn-out batteries according to regulations.
- We recommend charging the battery for the first time when the battery capacity drops below 80%.
- We then recommend recharging the battery when it drops below 20%.
- If you park the scooter for a long time, charge the battery and then charge it every two months.
- Charge the scooter under constant supervision and away from flammable or explosive substances.
- Prolonged battery load can lead to higher battery temperature.
- We recommend checking the condition of the battery and its parts every 6 months.
- Only use the original charger for charging.

## GENERAL TIPS FOR SAFE RIDING

- Always wear a helmet with a visor or goggles, gloves, sturdy shoes with reinforced ankles, gloves and protective clothing.

- Know and obey all laws, regulations and rules.
- When braking, use both brakes (first the rear and then the front). Using only one brake can cause a skid.
- Riding in poor riding conditions (visibility, dirty or wet roads) increases stopping distances or reduces reaction time. Use extra caution.
- Sudden changes in speed or sudden stops can cause loss of control of the vehicle.

## SPECIFICATIONS

### BASIC

Maximum speed	25 km/h
Overall length	1735 mm
Overall width	735 mm
Overall height	1100 mm
Wheel span	1245 mm
Weight	55 kg
Recommended load capacity	75 kg
Maximum load capacity	115 kg

### ENGINE

Type	Rear-wheel drive, magnetic
Voltage	72 V
Power	400 W
Speed	330 rpm
Torque	11.5 N.m
Cooling	Passive by air

### BATERIE

Type	Lead acid battery
Voltage	72 V
Capacity	20 Ah

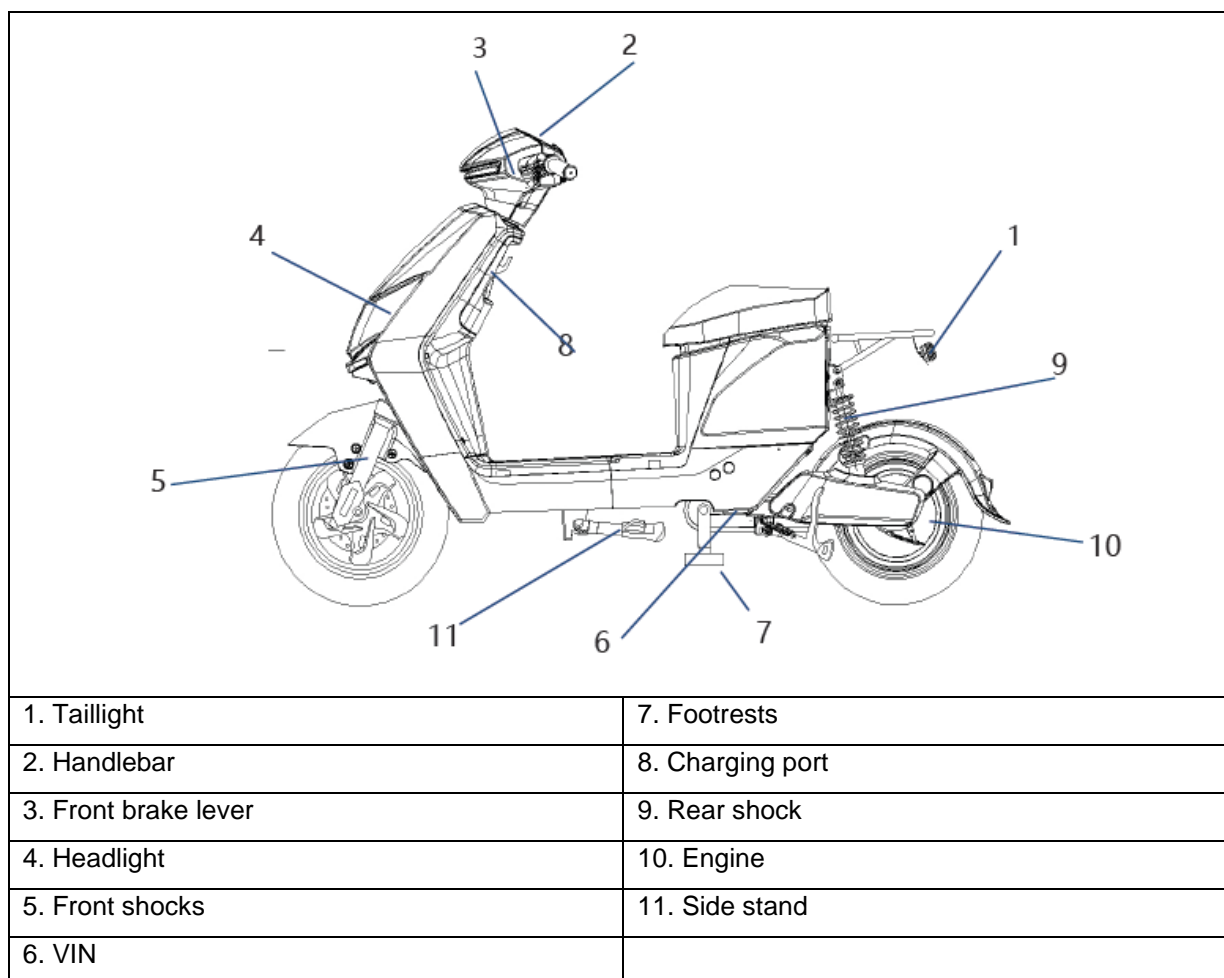
### WHEELS

Size	3.00 -10
	3.00 -10
Type	Disc (front) / Drum (rear)
Control	Levers

### LIGHTS

DC-DC	12 V / 7.5 A
Headlights	LED white lights
Turn Signal Lights	LED orange lights
Rear Lights	LED red lights

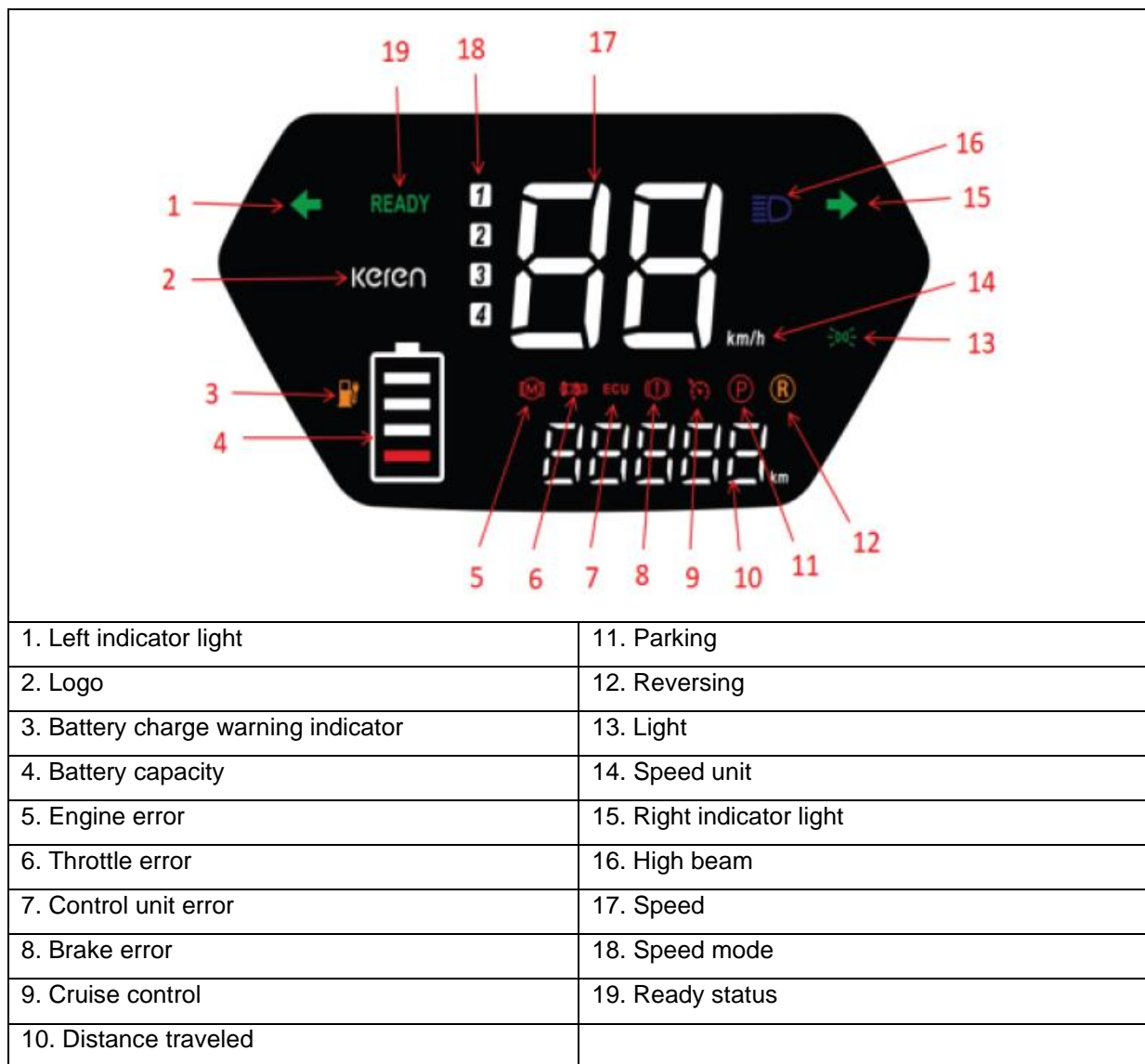
## SCOOTER DESCRIPTION



## SWITCHES







1.	Lights		Toggle between low/high beam
2.	Direction indicators		Indicator right
			Indicator left
3.	Horn		Press to sound the horn
4.	Speed mode		Speed modes 1 – 4
5.	Lights		Toggle between low/high beam
6.	Cruise control		Press to start/stop cruise control

## DISPLAY



	Battery status
	Controller error
	Motor error
	Low battery
	Throttle error
	Brake error



	Cruise control
	High beam
	Low beam
	Right turn signal
	Left turn signal
	Ready to ride

## WHEELS

The scooter is equipped with tubeless wheels.

Tire specifications	Front wheel	3.00 – 10
	Rear wheel	3.00 – 10
Tire pressure	Front / rear wheel	250 kPa / 250 k/a
Tire surface minimum depth	Front / rear wheel	0.8 mm~1 mm/0.8 mm~1 mm

**Note:** Measure the pressure when the tires are cold.

Pressure is affected by environmental factors such as temperature and ambient pressure. Check the inflation pressure regularly according to the environment. Check the wheel balance.

Incorrect tire pressure or deformation may result in loss of vehicle control.

### **WARNING:**

After replacing tires, new tires must be run in. The run-in period may be up to 160 km.

## BATTERY

### **BATTERY MAINTENANCE**

- Do not repair or modify the battery yourself. Never disassemble the battery yourself.
- Before first use, the battery must be charged to at least 80% of its capacity.
- If the battery capacity drops below 20% of its capacity, it must be charged.
- If you decide not to use the scooter for a longer period of time, the battery must be recharged at least every two months.
- We recommend having the battery checked every 6 months.
- Do not connect other electrical devices to the scooter.
- Long-term load can cause the battery to heat up.
- Use only the original battery and charger.

### **WARNING:**

- Working with a current higher than 36 V requires a certificate. Any work on electrical wiring must be carried out by a professional.

## RANGE

The range depends on many factors such as load, riding style, ambient conditions, road conditions, etc. The range decreases with battery life.

### WARNING:

- Keep the battery away from water, do not immerse it in water.
- Keep the battery away from fire and open flames, do not expose it to high temperatures above 60°C for a long time. Keep it out of direct sunlight.
- Protect the battery from impacts and falls. Protect it from external shocks and impacts.
- In the event of smoke or fluid leakage from the battery, turn off the external power source and, if possible, place the vehicle in a safe place with the lowest possible presence of other flammable substances.
- If the battery is deformed in any way, immediately disconnect it and place it in a safe place and recycle.
- If the battery catches fire, use a powder extinguisher or sand and contact the integrated security services immediately.

## BRAKES

### BRAKE FLUID

Check the functionality of the brakes before each ride.

### WARNING:

- If the brake levers are soft to press, the brake system may be air-filled. In this case, it is necessary to contact the service department and bleed the brakes.
- Never use the scooter if you have any doubts about the functionality of the brake system.
- Check the brake fluid level. Never mix brake fluid types.

### WARNING:

Always consult the type of brake fluid. Never mix two different types/brands.

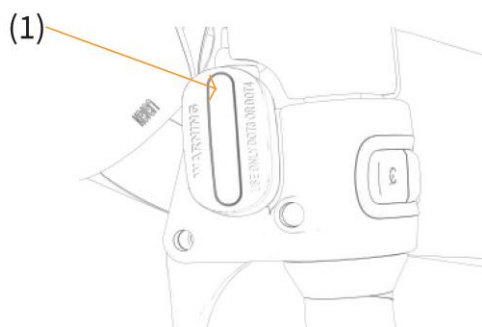
If you notice frequent fluid leaks, have the condition of the entire brake system checked by the service department.

Store brake fluid out of the reach of children.

Protect skin and eyes from contact with brake fluid. If fluid gets on your skin, rinse the affected area immediately with water. If fluid gets into your eyes, rinse the affected area and seek medical attention.

Do not drink brake fluid and seek medical attention immediately if fluid is swallowed.

If the capacity of the brake fluid reservoir is below 1/3, the fluid must be topped up. Remove the two screws holding the reservoir cap and add brake fluid to the appropriate level. Then secure the cap with the two screws that were removed.

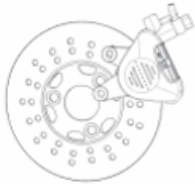


## PADS AND DISCS

Regularly check the brake disc and pads for wear and damage.

Minimum brake disc width: 3 mm. Factory disc width 3.5 mm.

Always measure the width at several points.



3mm

Minimum plate width: 3.5 mm. Factory plate width 7.2 mm.



≥3.5mm

## SHOCK ABSORBERS

Regularly check the condition of the shock absorbers and their wear.

Check that the shock absorber rods are not scratched, and the seals are in good condition. The shock absorbers must not leak oil.

Any adjustments and repairs must be carried out by an authorized service.

## MAINTENANCE CHART

▲ - Reduce the inspection/maintenance interval by 50% in case of high usage.

■ - Have the inspection/repair carried out by an authorized service center.

### Post-purchase maintenance chart

Electrical installation				
	Part	Month	Km	Operation
■	Electrical Parts		1000	Check
	Fuses		1000	
Brakes				
	Part	Month	Km	Operation
	Discs		1000	Check
	Pads		1000	
	Fluid Level		1000	
■	Hoses		1000	Condition and seals
	Levers		1000	Movement/clearance

Kola				
	Part	Month	Km	Operation
■	Tire condition		1000	Check
	Tire pressure		1000	
■	Wheel mounting		1000	Checking the mounting clearance
Shock absorbers				
	Part	Month	Km	Operation
■	Front and rear shock absorber		1000	Oil leak check
Steering				
	Part	Month	Km	Operation
■	Bearings		1000	Motion Control
■	Handlebars		1000	Clearance Control
Other				
■	Handlebars		1000	Lubrication and clearance check
■	Handlebars		1000	Fixing
■	Handlebars		1000	Check by service department

### Subsequent periodic maintenance table

Electrical installation				
	Part	Month	Km	Operation
■	Electrical Parts	12	10 000	Check
	Fuses	6	5000	
■	Cables	12	10 000	Bend check
Wheels				
	Part	Month	Km	Operation
	Tire condition	12	10 000	Check
		24	20 000	
	Tire pressure	12	10 000	
		24	20 000	
■	Bearings	–	10 000	
		–	30 000	
Brakes				
	Part	Month	Km	Operation
	Brake system	12	10 000	Check
		24	20 000	
	Disc	12	10 000	
		24	20 000	
▲	Plates	12	10 000	

		24	20 000	
	Brake fluid	12	10 000	
		–	20 000	
■	Hoses	24	20 000	Check for damage and sealing
		12	10 000	
■	Brake fluid	24	–	Replacement
Shock absorbers				
	Part	Month	Km	Operation
■	Suspension system	–	5000	Check
		–	10 000	
		–	15 000	
■	Checking the seals	12	10 000	Oil leak check
		24	20 000	
Frame				
	Part	Month	Km	Operation
	Frame	–	30 000	Check
Steering				
	Part	Month	Km	Operation
■	Bearing	12	10 000	Check
		24	20 000	
Brakes				
	Part	Month	Km	Operation
■	Moving parts	24	20 000	Lubrication and movement
		12	10 000	
		48	30 000	
■	Bolts and nuts	12	10 000	Tightening
		48	30 000	
■	Hose and clamps	12	10 000	Lubrication and movement
		48	30 000	

## ERRORS

Error	Location	Cause	Possible solution
Unable to start	Electrical system	Weak battery	Charge / replace
		Damaged ECU	Check / replace
		Poor connection	Check / adjust
Poor performance	Motor	Engine overheating	Let cool down
Lights won't start	Cables	Poor connection	Check / adjust
	Switch	Damaged	Check / replace
	Lights	Bulb	Check / adjust
Horn	DC/DC	No power	Check / replace
	Switch	Damaged	Adjust / replace
	Cable	Poor connection	Adjust / repair
	Horn	Damaged	Adjust / replace

The table above is for guidance only; in the event of a fault, contact the service department.

## MAINTENANCE

### CLEANING

- Clean off dirt after riding.
- Allow the engine and brakes to cool before any maintenance or storage.
- Do not use cleaning agents on the seals.
- Protect electrical parts, charging ports, etc. from water and moisture.
- Do not use aggressive cleaning agents for cleaning.
- Do not use metal brushes or other rough tools to clean the scooter.
- Do not use high-pressure cleaners for cleaning.
- Only use cleaning agents that are intended for vehicles for cleaning.
- Dry the scooter after cleaning.

## ENVIRONMENT PROTECTION

After the product lifespan expired or if the possible repairing is uneconomic, dispose it according to the local laws and environmentally friendly in the nearest scrapyard.

By proper disposal you will protect the environment and natural sources. Moreover, you can help protect human health. If you are not sure in correct disposing, ask local authorities to avoid law violation or sanctions.

Don't put the batteries among house waste but hand them in to the recycling place.

## TERMS AND CONDITIONS OF WARRANTY, WARRANTY CLAIMS

### General Conditions of Warranty and Definition of Terms

All Warranty Conditions stated here under determine Warranty Coverage and Warranty Claim Procedure. Conditions of Warranty and Warranty Claims are governed by Act No. 89/2012 Coll. Civil

Code, and Act No. 634/1992 Coll., Consumer Protection, as amended, also in cases that are not specified by these Warranty rules.

The seller is SEVEN SPORT s.r.o. with its registered office in Strakonická street 1151/2c, Prague 150 00, Company Registration Number: 26847264, registered in the Trade Register at Regional Court in Prague, Section C, Insert No. 116888.

According to valid legal regulations it depends whether the Buyer is the End Customer or not.

“The Buyer who is the End Customer” or simply the “End Customer” is the legal entity that does not conclude and execute the Contract in order to run or promote his own trade or business activities.

“The Buyer who is not the End Customer” is a Businessman that buys Goods or uses services for the purpose of using the Goods or services for his own business activities. The Buyer conforms to the General Purchase Agreement and business conditions.

These Conditions of Warranty and Warranty Claims are an integral part of every Purchase Agreement made between the Seller and the Buyer. All Warranty Conditions are valid and binding, unless otherwise specified in the Purchase Agreement, in the Amendment to this Contract or in another written agreement.

### **Warranty Conditions**

#### **Warranty Period**

The Seller provides the Buyer a 24 months Warranty for Goods Quality, unless otherwise specified in the Certificate of Warranty, Invoice, Bill of Delivery or other documents related to the Goods. The legal warranty period provided to the Consumer is not affected.

By the Warranty for Goods Quality, the Seller guarantees that the delivered Goods shall be, for a certain period of time, suitable for regular or contracted use, and that the Goods shall maintain its regular or contracted features.

#### **Batteries**

6-month battery warranty – we guarantee that battery's nominal capacity does not fall below 70% of its total capacity within 6 months of the product's sale.

#### **The Warranty does not cover defects resulting from (if applicable):**

- User's fault, i.e. product damage caused by unqualified repair work, improper assembly, insufficient insertion of seat post into frame, insufficient tightening of pedals and cranks
- Improper maintenance
- Mechanical damages
- Regular use (e.g. wearing out of rubber and plastic parts, moving mechanisms, joints, wear of brake pads/blocks, chain, tires, cassette/multi wheel etc.)
- Unavoidable event, natural disaster
- Adjustments made by unqualified person
- Improper maintenance, improper placement, damages caused by low or high temperature, water, inappropriate pressure, shocks, intentional changes in design or construction etc.

### **Warranty Claim Procedure**

The Buyer is obliged to check the Goods delivered by the Seller immediately after taking the responsibility for the Goods and its damages, i.e. immediately after its delivery. The Buyer must check the Goods so that he discovers all the defects that can be discovered by such check.

When making a Warranty Claim the Buyer is obliged, on request of the Seller, to prove the purchase and validity of the claim by the Invoice or Bill of Delivery that includes the product's serial number, or eventually by the documents without the serial number. If the Buyer does not prove the validity of the Warranty Claim by these documents, the Seller has the right to reject the Warranty Claim.

If the Buyer gives notice of a defect that is not covered by the Warranty (e.g. in the case that the Warranty Conditions were not fulfilled or in the case of reporting the defect by mistake etc.), the Seller

is eligible to require a compensation for all the costs arising from the repair. The cost shall be calculated according to the valid price list of services and transport costs.

If the Seller finds out (by testing) that the product is not damaged, the Warranty Claim is not accepted. The Seller reserves the right to claim a compensation for costs arising from the false Warranty Claim.

In case the Buyer makes a claim about the Goods that is legally covered by the Warranty provided by the Seller, the Seller shall fix the reported defects by means of repair or by the exchange of the damaged part or product for a new one. Based on the agreement of the Buyer, the Seller has the right to exchange the defected Goods for a fully compatible Goods of the same or better technical characteristics. The Seller is entitled to choose the form of the Warranty Claim Procedures described in this paragraph.

The Seller shall settle the Warranty Claim within 30 days after the delivery of the defective Goods, unless a longer period has been agreed upon. The day when the repaired or exchanged Goods is handed over to the Buyer is considered to be the day of the Warranty Claim settlement. When the Seller is not able to settle the Warranty Claim within the agreed period due to the specific nature of the Goods defect, he and the Buyer shall make an agreement about an alternative solution. In case such agreement is not made, the Seller is obliged to provide the Buyer with a financial compensation in the form of a refund.

**CZ  
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**About shipping**

