

# **W-TEC**

**USER MANUAL – EN**  
**IN 23784 E-scooter W-TEC Tendeal 10"**



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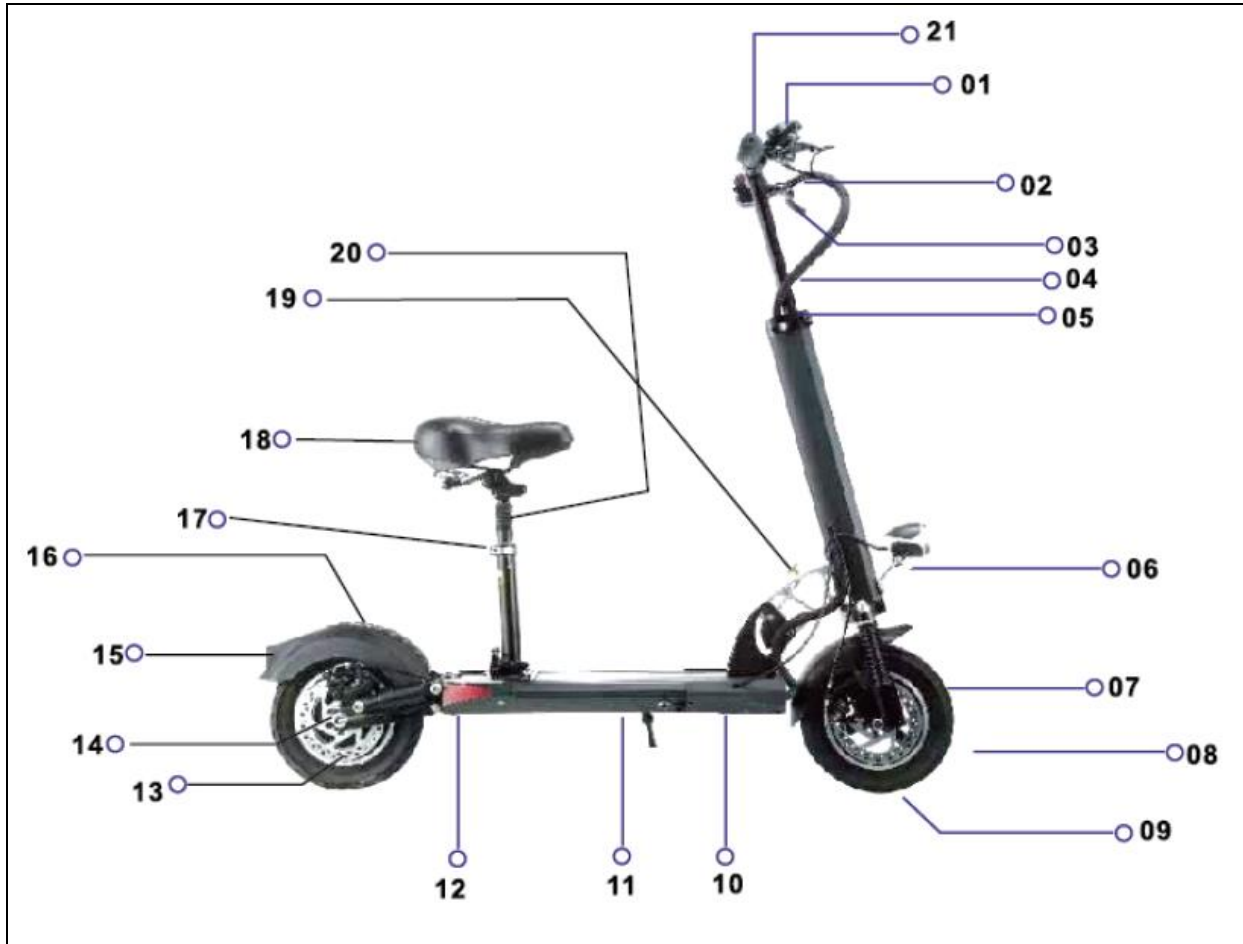
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## SAFETY INSTRUCTIONS

- Read the manual carefully and keep it for future reference.
- The scooter is designed to carry one person at the same time.
- Wear a helmet and other protective equipment, incl. proper boots.
- Do not ride on dangerous or ineligible roads.
- Before the first ride, try to control the scooter in the open spaces. If you are not sure, ask a more experienced person for advice.
- Avoid dangerous maneuvers or one-hand steering while riding.
- When riding, keep both feet on the footboard.
- Do not drive directly over an obstacle higher than 3 cm, otherwise you can lose balance and cause yourself injury or damage to the product.
- On uneven or bumpy roads, slow down and ride with caution. Do not endanger yourself or others by careless riding.
- Before riding, it is necessary to set the correct handlebar height for your safety.
- Do not ride into the water, oil or on frozen surfaces.
- Do not immerse the scooter in water. The battery or motor will be destroyed.
- If possible, do not ride in poor weather conditions. Be extra caution during dark.
- Always make sure that you do not violate local regulations and laws before using the product. The use of these and similar devices is not permitted everywhere. If in doubt, contact your local authorities.
- Check that all parts are well held and the screws are not loosened. Ex. tighten them or contact a service center.
- Unauthorized modifications or maintenance will reduce the safety of the equipment.
- Improper use can lead to serious (fatal) injury or damage.
- Check the product regularly for wear. Replace worn parts immediately.
- Do not use a damaged product. Do not use the product if sharp edges appear.
- Follow the manual for maintenance and use. Do not disassemble the device yourself.
- Check the battery level before riding. If it is not fully charged, do not start riding.
- The device is for personal use only. Commercial use is not allowed.
- Be careful while riding. Never ride after drinking alcohol or under the influence of drugs. Do not carry anything on the device.
- Always keep the speed under control and be careful. Keep good vision around the area. Do not exceed speed or weight limits to avoid injury.
- Keep your feet relaxed and your knees slightly bent when riding on an uneven surface.
- In the event of an accident, do not leave and wait for assistance.
- When riding in a group, keep a sufficient distance to avoid collision.
- Remember that your current height is greater when standing on the scooter than without it. Try to keep your balance and avoid too narrow places.
- Other activities (phoning, listening to music) can significantly reduce your riding attention. Don't be distracted.
- Check the condition of the tires regularly. Replace worn out immediately.

- Do not ride in the rain or on wet roads. There is a high risk of damage to electronics and battery
- Weight limit: 120 kg

## PRODUCT DESCRIPTION



1.	Control panel	12.	Battery charging port
2.	Brake cable	13.	Scooter drive
3.	Front brake lever	14.	Rear brake pad
4.	Height-adjustable handlebar	15.	Reflectors
5.	Lever of height adjustable mechanism	16.	Rear fender
6.	Lights	17.	Quick release lever
7.	Front brake pad	18.	Seat
8.	10 " wheel	19.	Folding mechanism
9.	Aluminum rim	20.	Seat suspension
10.	Charging port	21.	Accelerator
11.	Footrest		

## UNFOLDING



### Step 1

Press the button on the folding mechanism B and slowly lift the handlebars A.

### Step 2

Slowly raise handlebars A until they are locked B.

### Step 3


Loosen the handlebar clamp and set the desired handlebar height. Then secure the clamp.


For folding follow the steps in reverse.

! Warning: Do not step on the folding mechanism while riding.

## CONTROL PANEL

1.	Current speed mode
2.	Speed
3.	Distance traveled, etc.
4.	Battery status

Hold the power button  for 3 seconds to turn on. The LCD display enters standby mode.


Press the mode button  you change the speed modes L1, L2, L3 (L1 lowest, L3 highest).

Speed depends on factors such as battery condition, user weight, road condition, etc.

L1: maximum speed up to 20 km / h

L2: maximum speed up to 30 km / h


L3: maximum speed up to 40 km / h

Press the power button  to change the information you want to display:

TRIP - currently covered distance, 0123.5 shows 123.5 km

ODO - total distance traveled, 12035 shows 12035 km

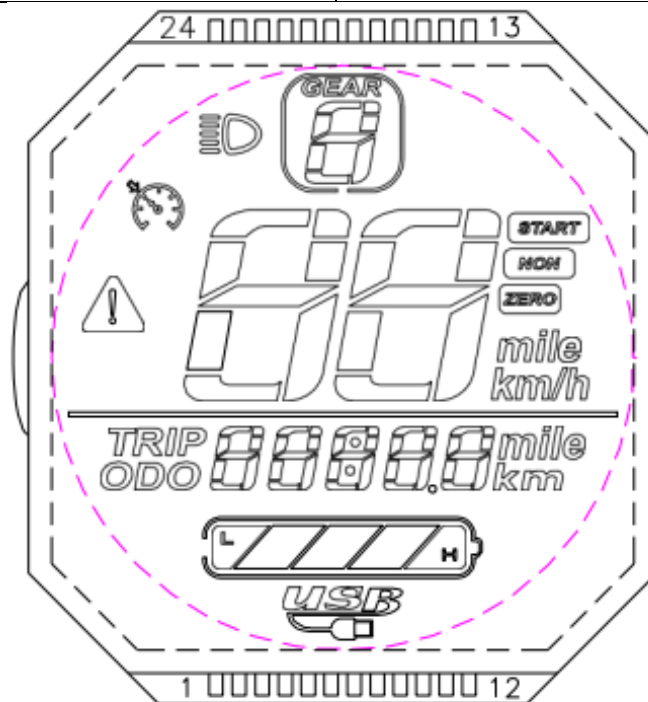
The time displayed in MM: SS format after reaching the maximum value of 99:99 switches to HH: MM format



Power saving mode: The control panel enters standby mode after 90 seconds of inactivity. Hold the power button  for 3 seconds to turn on.






You must bounce several times before starting the engine and then slowly add speed.

### FACTORY SETTING

P03	48
P04	3
P06	100
P07	30
P09	0
P15	100
P16	0
P98	1
P99	0



	Battery status
	Display of total distance traveled (ODO), current distance traveled (TRIP), Voltage (V), current (A), current operation time, error code (E), detection code (UE)

<p>If an error message icon is displayed, press the on / off switch. An error code is displayed:</p>	<p>ERRO 1: Motor error  ERRO 2: Handle error  ERRO 3: Control error  ERRO 4 The brake does not work  ERRO 5: Surge protection  ERRO 6: Communication error - the scooter is not receiving a signal from the control panel  ERRO 7: Communication error - the control panel is not receiving a signal from the scooter</p>
	<p>Displays speed in km / h or miles / h.  Delay 1 0 ms  The scooter displays the speed using sensors</p>
	<p>Gear, a higher number indicates a higher gear if the value is 0 when the engine is off</p>
	<p>Lights icon, hold down the MODE button to turn the lights on / off</p>
	<p>Cruise control: Hold a steady speed for 5 seconds to start cruise control, the corresponding icon will be displayed. To deactivate cruise control, brake or change speed</p>
	<p>Starting method: Just add speed and the scooter will start (Zero), it is necessary to bounce your feet and then add gas (Non)</p>
<p>USB</p>	<p>If another device is connected via USB, the icon will light up if the device draws more than 100 mA, the icon will start flashing if the device draws more than 500 mA.</p>

## SETTINGS

P01 – backlight	1 (lower) – 3 (higher)
P02 – speed unit	0 (km) 1 (mile)
P03 – voltage	24 V, 36 V, 48 V Default value 48 V
P04 – power save mode	0 off, any other value from 1 to 60 indicates the number of minutes of inactivity to activate the power save mode




P05 - Engine power	
P06 - Wheel diameter	Unit: inches, accuracy to 0.1
P07 - Number of magnets for speed measurement	1 – 100
P08 - Speed limiter	
P09 - Starting method	Just add speed and the scooter will start (Zero), it is necessary to bounce your foot and then add gas (Non)
P10 - Drive mode	0 - by bouncing (off) 1 - electric motor 2 - a combination of the above
P11 - Assistance sensitivity	1 – 24
P12 - Starting speed	0 (lower) – 5 (higher)
P13 - Magnetic ring adjustment	5, 8, 12
P14 - Current	1 – 20 A (for service only)
P15 - Motor speed transmission limitation	100
P16 - Cruise control	1 – on, 0 – off
P17 - Synchronization of lights and backlight after start-up	1 - lights and backlight do not start after start-up 2 - lights and backlight start after start-up
P18 - Start password setting	1 – yes, 2 – no
P99 - Factory reset	Hold down the MODE button for 5 - 6 seconds for factory settings
ODO: ODO	Hold down the MODE button for 5 - 6 seconds to reset the total distance traveled

Hold down the power button (⏻) for 3 seconds to start or stop. Once started, you can use the button (⏻) to switch between the displayed ODO, TRIP, V, A, E and TM functions.

Hold down (⏻) and (M) to enter the settings. Press (⏻) to switch between parameters, press (M) to enter parameter settings. Use the (⏻) and (M) buttons to adjust the parameters. Hold down the button (M) to exit the parameter.

Hold down the button (M) to turn on the light.

## REMOTE CONTROLLER

	<b>Alarm lock</b> - triggers an alarm when the scooter moves
	<b>Lock without alarm</b> - locks the display + press to turn off an already triggered alarm
	<b>Horn</b> - A short warning sound signal





**Start** - press twice, the scooter will unlock, and the display will turn on

## CHARGING

Connect the charger. The indicator lights up red when it is charging, the indicator lights up green when the battery is charged.

Recharge the battery regularly.

## BATTERY

**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.**

For proper operation and safe use of the battery, follow the instructions in the manual. Stop using the battery immediately if the battery is damaged, leaks liquid or you smell abnormal odor.

- During charging, the battery (or the product being charged) must always be under constant supervision. Charge the battery away from flammable or combustible objects. Unplug the charger from the battery and socket after charging.
- Battery lifespan is limited. If you use a battery that exceeds normal lifespan, the charging frequency may increase, and the scooter range will be reduced.
- Do not open or throw of the battery in a fire. Do not insert foreign objects into the battery.
- Do not touch the battery with metal objects. The battery may explode or be damaged.
- Use only the original charger.
- Follow local regulations and laws while driving.
- You can charge the battery continuously.
- Recharge the battery in room temperature. Temperature range is +10 ° C to +30 ° C.
- If you use the battery for an extended period, its temperature will be higher. This is a normal battery condition.
- If you use the battery in a cold environment, the range is lower.
- Do not repair or modify the battery yourself.

## USE

- Before use, make sure that all parts are properly assembled, tightened and not damaged.
- Check the brakes.
- Check that the folding mechanism is properly locked.
- Make sure the battery is properly charged.
- Make sure the tires are in good condition.
- Check the handlebar. It must be properly tightened.
- Do not drive on slippery surfaces.
- Wear personal protective equipment including a helmet and a sturdy shoe.
- Do not use if outdoor conditions are poor.
- Moisture reduces braking efficiency.

## RIDING TECHNIQUE

- Know the scooter before first use and test your ability to control this product.
- Turn continuously and brake safely having enough free space.
- Practice your first ride in an open area without obstacles.
- Never let distract your mind during riding.

**Foot position** – put your foot on the board as close to the front part as possible. Let your other foot on the ground. Make sure the route is clean and free. To start riding, push yourself forwards (like on a non-motorized scooter). Push off with the foot that is on the ground. Immediately after pressing the throttle downwards, tilt your body forwards as a prevention from falling back while increasing your speed. Avoid excessive body pressing on the handlebars during speed changing. One foot is at front and the second one is back. It is comfortable to place the feet like on a skateboard for optimal stability.

**NOTE:** Riding on a scooter can be dangerous. You use the product on your own responsibility and be familiar with all the safety precautions before riding.

**Turning** – it is the same as on a surf or snowboard. The handlebar should be parallel to the body. Before turning look at the approaching direction to be sure the operation is safe.

**Braking** – shift your weight backwards so that the braking is realized through your feet and not through handlebar and steering system. Learn well to adjust the gravity center during stopping to avoid turning over or excessive wearing of the braking and steering system

## CLEANING AND MAINTENANCE

- The scooter must be switched off, disconnected from the charger and the charging port must be covered before cleaning or maintenance.
- Clean the scooter with a damp cloth and a mild detergent.
- Do not use solvents or other aggressive cleaning agents.
- Keep the water out of the charging port.
- Never immerse the scooter.
- Do not use high-pressure cleaners.
- If the tire pressure is low, inflate it.
- If you need to replace tires / inner tubes, please contact your specialist dealer or manufacturer.
- You can adjust the brake stiffness by loosening the M5 screw. Loosen the screw to the right, tighten it to the left.

## STORAGE

- Store in a dry and shady place.
- Avoid storage if the room temperature exceeds 50 ° C.
- Charge the battery at least once a month. Battery life is lower in cold conditions.

## TECHNICAL SPECIFICATIONS

Specifications	Dimensions	112 x 56 x 120 cm
	Distance between the centers of the front and rear wheels	850 mm
	Weight	20 kg
Performance	Load capacity	120 kg
	Maximal speed	up to 40 km / h
	Maximum climb	15 °
	Battery type	Lithium battery
Battery	Voltage	48V
	Capacity	15 Ah
	Range	35 -45 km
Engine	Type	DC brushless motor
	Rated output power	700W
	Rotation speed	1300 rpm
	Rated voltage	48V
	Maximum torque	9.5 N.m
Charger parameters	Input voltage	AC 100-240 V
	Output current	2A
	Charging time	6-7 hours
	Consumption per charge	0.6 kW / h
Tires	Dimension	10 inches
	Type	Inflatable
Brakes	Type	Disc brake
Light	Type	LED

## 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**  
**SEVEN SPORT s.r.o.**

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## ES DECLARATION

**IMPORTER:**

Seven sport s.r.o.  
Strakonická 1151/2C  
Praha 5-Hlubočepy 150 00  
IČ: 268 47 264  
Czech republic

**Declares on its own responsibility that**

**product: IN 23784 E-scooter W-TEC Tendeal (A2)**

**This product meets the following standards**

CERTIFICATE **SGS: SHES210801682785HSC / 05.11.2021**  
**EN ISO 12100:2010**  
**EN 17128:2020**

CERTIFICATE **BST: BSTDG181211138301CC / 06.11.2018**  
**IEC62321-4:2013+AMD1:2017,IEC 62321-5:2013**  
**IEC62321-6:2015,IEC 62321-7-1:2015**  
**IEC62321-7-2:2017,IEC 62321-8:2017**

CERTIFICATE **BST: BSTDG181211138301EC / 06.11.2018**  
**EN 55014-1:2017**  
**EN 61000-3-2:2014**  
**EN 61000-3-3:2013**  
**EN 55014-2:2015**

CERTIFICATE **BST: BSTDG181211138301SR / 06.11.2018**  
**EN 60335-1:2012+A11:2014+A13:2017**

**EN 17128:2020/CISPR 12:2007+A1:2009**  
**EN 17128:2020/EN 61000-4-2:2009**  
**EN 17128:2020/ISO 11451-1:2015**

This declaration of conformity is made based on SGS Certificate, Cert-No:  
SHEM21080096700116035296001 issued on 28. 08. 2021

In Vítkov, 18.03.2022

  
  
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