

# TS4

2025 MODEL: FULLY UPGRADED  
LIGHTNESS, AGILITY, ECONOMICAL & SUITABLE FOR THE GENERAL PUBLIC



 | VMOTO  
ELECTRIC VEHICLES

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# DESIGN

## Gritty design for limitless emotions

Vmoto's **TSx** embodies the perfect balance between **sporty aesthetics** and **technological innovation**. With **aggressive** and **dynamic lines**, this electric motorcycle **combines elegance and modernity**, offering an exciting and sustainable riding experience.

**Aerodynamic shapes** and an **ergonomic riding position** ensure **comfort** and **high performance**, while high-quality materials and sophisticated finishes enhance its distinctive character. **Full LED lighting** and **bold graphics** complement the futuristic design, making the **TSx** a **benchmark in the electric two-wheeler scene**.



# DESIGN

Front



Storage compartment

The upgraded storage space allows for easy placement of the charger and other items.



Back



# PERFORMANCE

**45** Km/h  
Max speed

**130** Nm  
Max torque

**3.5** kW  
Max power

**6** s  
0-50 km/h



## 2025 Upgraded performance

- Higher power;
- Higher torque;
- Max speed and acceleration raised.

F.O.C. 3.0 control unit



2.5 kW wheel hub motor



# BATTERY

## Energy and autonomy for the city

TSx is equipped with a **72V/24Ah** lithium-ion battery, with the option of installing two for a range of up to **120 km\***. This modular system offers greater flexibility and convenience, making the **TSx** perfect for daily commuting. **Each battery fully recharges in just 3 hours**, ensuring reduced waiting time and maximum efficiency. Lightweight and removable, the batteries can be **conveniently recharged anywhere**, ensuring uncompromised electric mobility.

**3** Hours  
Battery Charging time

**103** Km\* (2 batteries)  
Range (WMTC Stage 3\*)

**72v 24AH** LiMn204  
Battery



## Battery



## Connector



## Charging port



# CYCLING



## Agility and power on every route

Thanks to its advanced electric motor and high torque, the **TSx** tackles inclines of up to **15°** with ease. This climbing angle makes it ideal for **overcoming urban climbs** and **hilly trails effortlessly**, providing a smooth and stable ride.

**15°** Steep inclines  
Climbing Angle



## Hydraulic damping suspensions

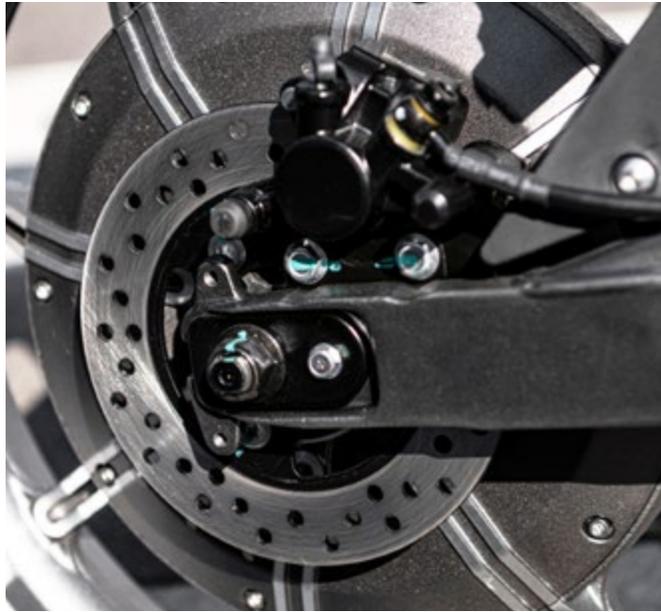
The advanced suspension system ensures **optimal comfort** and **control**, adapting seamlessly to **any terrain**. Ride smoothly in every situation.

Front suspension diameter  $\varnothing 35\text{mm}$

Rear suspension diameter  $\varnothing 36.5\text{mm}$



# SAFETY



## Rear calipers

High-performance **CBS**, ensuring maximum **safety and control in all braking conditions**. Rear disc brake **180 mm**.



## Front calipers

High-performance **CBS**, front disc brake **240 mm**.



## High grip tyres

The tires have a **high-density texture**, which provides **strong ground grip** and **high safety**.



## Split frame

The **carbon steel main frame** ensures a **strong and durable structure**, while the **aluminum rear frame** reduces overall weight, **improving agility**. The **carbon steel swingarm** provides additional rigidity and security.

# TECHNOLOGY



## Front LED

Advanced **Matrix LED lighting system** that ensures safety and visibility in all conditions. The headlight provides powerful illumination with a brightness level of **CLASS B**, delivering a luminous intensity **16.000 cd**.



## Rear LED

**Matrix LED** rear lighting, designed to ensure maximum visibility and safety on the road. This innovative design ensures even light distribution, improving other road users' perception of the vehicle.



## LCD

**TSx** is equipped with **LCD** instrumentation that combines vintage aesthetics and advanced functionality. The display offers a sleek and readable design, providing essential information such as speed, battery level, and riding mode.



## USB port

New steering with new **USB port**, the essentials for staying connected and charging your phone.

# ERGONOMICS



## Ergonomics redefined: comfort meets sportiness

**TSx** is designed to deliver the **perfect balance between comfort and sportiness**. Its carefully engineered ergonomics ensure a **practical and relaxed riding position**, reducing strain on the back even during long journeys. At the same time, its dynamic stance **preserves the thrill and agility** of a true motorcycle. Developed by our team of expert engineers and rigorously tested, **TSx** allows **you to ride for hours**, enjoying both the adrenaline of the road and the pleasure of effortless control.

### Extra comfort



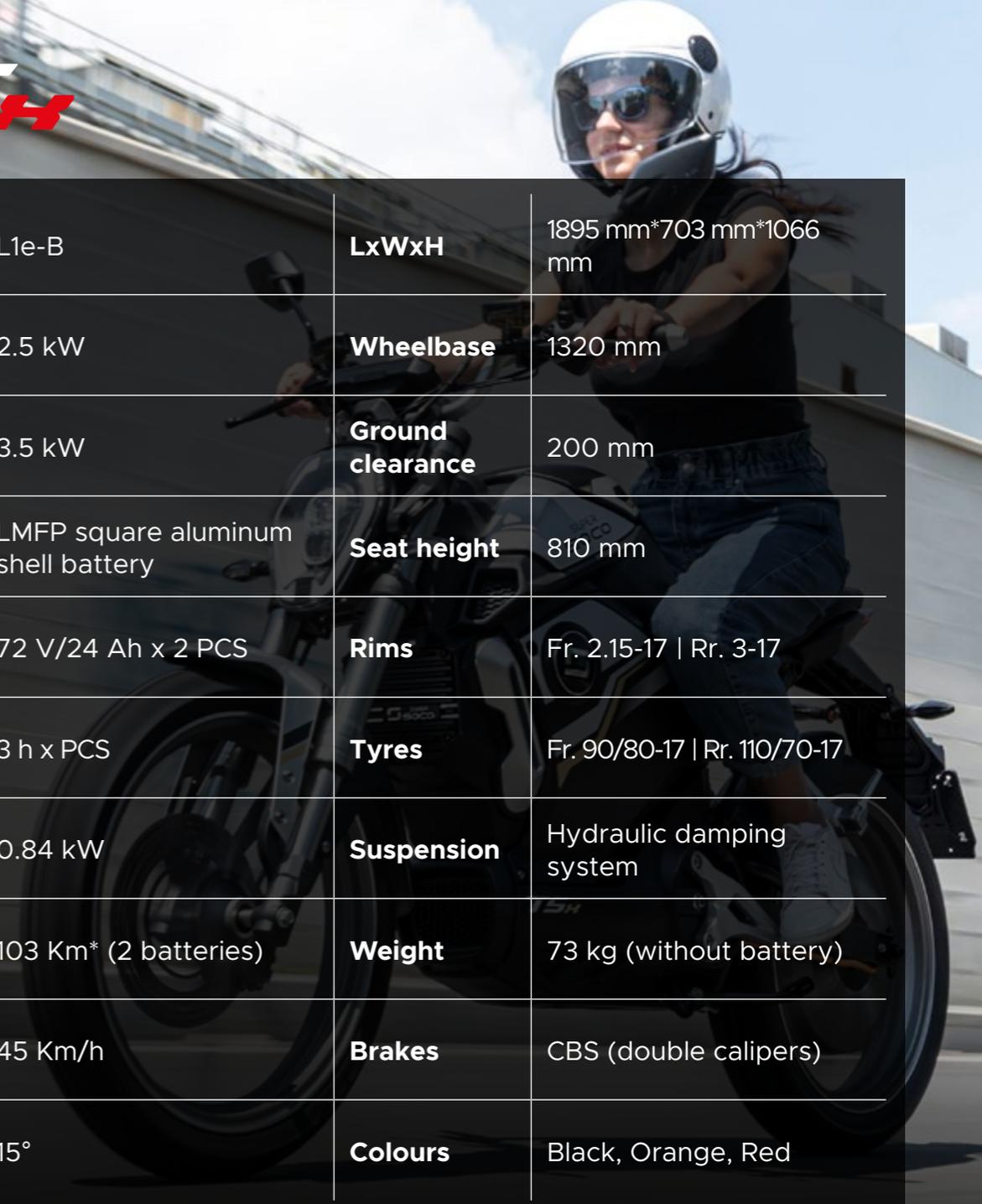
**TS<sub>4</sub>**



# TECHNICAL INFORMATION



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<b>Homologation</b>	L1e-B	<b>LxWxH</b>	1895 mm*703 mm*1066 mm
<b>Rated power</b>	2.5 kW	<b>Wheelbase</b>	1320 mm
<b>Max power</b>	3.5 kW	<b>Ground clearance</b>	200 mm
<b>Battery model</b>	LMFP square aluminum shell battery	<b>Seat height</b>	810 mm
<b>Battery capacity</b>	72 V/24 Ah x 2 PCS	<b>Rims</b>	Fr. 2.15-17   Rr. 3-17
<b>Charging time</b>	3 h x PCS	<b>Tyres</b>	Fr. 90/80-17   Rr. 110/70-17
<b>Charging power</b>	0.84 kW	<b>Suspension</b>	Hydraulic damping system
<b>Range*</b>	103 Km* (2 batteries)	<b>Weight</b>	73 kg (without battery)
<b>Max speed</b>	45 Km/h	<b>Brakes</b>	CBS (double calipers)
<b>Climbing angle</b>	15°	<b>Colours</b>	Black, Orange, Red

\*WMTC Stage 3.



**ELECTRIFY  
YOUR WORLD**

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