

V52 CITY

MAXIMIZES THE EXPERIENCE OF RIDING




VMOTO
FLEET

VMOTO

ELECTRIC MOBILITY SOLUTION

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DESIGN

Urban efficiency, intelligent design

VS2 CITI combines a **modern, minimalist design** with the practicality of a **high wheel**, designed to provide **stability** and **comfort** on all urban routes.

Compact, quiet, and fully electric, it is the ideal choice for **professional delivery** and for those seeking a **versatile, reliable, and sustainable vehicle for everyday mobility**.



DESIGN

Front



Side view



Back



PERFORMANCE

L1e

45 Km/h
Max speed

148 Nm
Max torque

3.0 kW
Rated power

3.3 kW
Max power

3 Riding modes
25 Km/h - 35 Km/h
45 Km/h

L3e

80 Km/h (L3e)
Max speed

148 Nm
Max torque

4.0 kW
Rated power

5.1 kW
Max power

3 Riding modes
45 Km/h - 65 Km/h
80 Km/h

FOC 3.0 control unit



Performance that make a difference

The **VS2 CITI** is available in two versions: **L1e (50cc)** with a top speed of **45 km/h**, and **L3e (125cc)** reaching up to **80 km/h**, tailored for every urban mobility need. Its electric motor delivers a **nominal power output of 3.0 kW (L1e)** and **4.0 kW (L3e)**, with **peak power of 3.3 kW (L1e)** and **5.1 kW (L3e)** respectively. With **148 Nm of maximum torque**, it ensures smooth and responsive acceleration in all conditions.

Equipped with the advanced **F.O.C. 3.0 controller**, the system boosts power delivery by **16%**, enhancing both efficiency and performance. The **3 riding modes** allow for optimal adaptability, making the **VS2 CITI** the smart choice for **professional delivery and modern urban commuting**.

High power motor



BATTERY

30 Min - 0% to 80% (Optional)
Super fast charger 6.6kW

1.5 Hours (Optional)
Fast charging time

3.5 Hours (Standard)
Charging time

107 Km* (L3e - 2 batteries)
Range (WMTC Stage 3*)

74v 30Ah NCM
Battery

High performance batteries for maximum autonomy

The **VS2 CITI** comes with **one or two removable 74V/30Ah batteries**, easily rechargeable using a standard household socket. With the dual-battery setup, it offers a range of up to **127 km** in the **L1 version** and **107 km** in the **L3e version**, making it an excellent choice for urban commuting and professional delivery use.

Charging times vary based on the charger: **3.5 hours** with the **standard 74V10A charger**, **1.5 hours** with the **optional fast 74V20A charger**, and just **30 minutes (0-80%)** with the **6.6 kW Super Fast Charger**. The batteries are equipped with a **CAN BUS communication system** for intelligent monitoring and enhanced safety.



Battery



Chargers



Standard charger
74V 10A



Optional charger*
74V 20A

Super fast charger 6.6 kW



CYCLING

Agility and power on every route

Thanks to its advanced electric motor and high torque, the **VS2 CITI** tackles inclines of up to **14°** with ease. This climbing angle makes it ideal for **overcoming urban climbs** and **hilly trails effortlessly**, providing a smooth and stable ride.

14° 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 ø31mm



Rear suspension diameter ø32mm



SAFETY



Rear disc brake Ø220mm

High-performance **CBS**, ensuring maximum **safety and control in all braking conditions**.



Front disc brake Ø240mm

High-performance **CBS**, powerful front calipers.



High grip tyre

The tires have a **high-density texture**, which provides **strong ground grip** and **high safety**. In addition, the high wheels ensure great stability **Fr. 90/80-16 | Rr. 90/90-14**.



Steady & side stand

Advanced support system that includes a **center stand** and a **side stand**, designed to ensure maximum stability in any situation. The **center stand** provides secure support during loading and unloading, while the **side stands** ensure quick and convenient stopping, even on uneven surfaces.

TECHNOLOGY



Front LED

Equipped with a powerful **LED** front headlamp designed to provide **maximum visibility** in all lighting conditions. The front headlamp **Lighting class D** provides powerful illumination with an **intensity** of **40.000 cd**.



Rear LED

Rear LED designed with a modern and innovative line that hugs the tail. High brightness in any road conditions.



LCD

Clear and intuitive **LCD display** designed to provide the rider with all essential information in real time. Speed, battery level, remaining range and riding mode are always clearly visible, even in bright light.



USB + Type C

Dual **USB** and **Type C** charging ports, designed to provide maximum convenience during deliveries. This equipment allows smartphones, **GPS** devices or other electronic accessories to be charged directly from the vehicle, keeping everything operational at all times.

ERGONOMICS

Ergonomics designed for comfort and efficiency

The **VS2 CITI** has been carefully engineered with a focus on **ergonomics**, ensuring maximum comfort both while riding and during daily operations. Its seat height, frame geometry, and overall layout are designed to make **loading and unloading effortless, without straining the back or compromising posture**. Every detail is optimized to provide a smooth, efficient, and safe experience, even under the demanding conditions of professional urban delivery.



The windshield in the photograph is an extra optional

Extra comfort



Super grip



KEY OPTIONAL PARTS



Tail box



Windshield



Phone holder

VMOTO EMS: ELECTRIC MOBILITY SOLUTION

What is Vmoto EMS?

Electric vehicles are the present and the future, but they have always had one big question mark: battery range and charging time. Vmoto has the answer to this question and takes you into the future with its new ecosystem: **Vmoto EMS - Electric Mobility Solution**, the solution to the problem of battery range, battery charging and vehicle fleet management!

Vmoto EMS offers the services needed to solve the problems of battery range and charging, and they are: **Vmoto Swapping Station**; **Vmoto Charging Station**; **Vmoto Super Fast Charger**; **Vmoto 74V Battery**; **Vmoto Fleet Platform** (with gps connection to monitor vehicle fleets, batteries, battery swap system, and charging stations).

SUPPLY CHAIN
Local R&D
Local battery CKD
Local vehicle CKD
Parts localization



VEHICLE
Vehicle sales
Vehicle rental
Local service
B2B - B2C

BATTERY
Battery rent
Battery swapping
Charging infrastructure
Fast charger

TECHNICAL INFORMATION



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Homologation	L1e-B / L3e-A1 (comparable to a 50cc / 125cc.)	LxWxH	1940 mm*730 mm*1080 mm
Rated power	L1e 3.0 kW L3e 4.0 kW	Wheelbase	1330 mm
Max power	L1e 3.3 kW L3e 5.1 kW	Ground clearance	130 mm
Battery model 	NCM lithium battery	Seat height	770 mm
Battery capacity 	74 V/30 Ah x 1 or 2 PCS	Rims	Fr. 2.15-16 Rr. 2.5-14
Charging time 	Standard 3.5 h x PCS Optional 1.5 h x PCS Optional 30 min 0% to 80% x PCS	Tyres	Fr. 90/80-16 Rr. 90/90-14
Charging power 	Standard 74V10A Optional 74V20A Optional 6.6 kW	Suspension	Hydraulic damping system
Range* 	L1e 127 Km L3e 107 Km	Weight	92 kg (without battery)
Max speed	L1e 45 Km/h L3e 80 Km/h	Brakes	CBS
Climbing angle	14°	Colours	White (Customizable)

*WMTC Stage 3

Compatible with the EMS system





**ELECTRIFY
YOUR WORLD**

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