

# CPX-D

THE ELECTRIC SCOOTER BUILT FOR DELIVERY





JORGE LORENZO



Official Vmoto Testimonial  
5-times MotoGP World Champion



Jorge Lorenzo special rider of our CPx-D

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**SAFETY**  
**RELIABILITY**  
**PERFORMANCE**  
TAKE IT FROM JORGE LORENZO!



# DESIGN

## Functional design for the future of delivery

Designed to meet the needs of corporate fleets and professional delivery services, the **CPx-D** by Vmoto combines modern style with maximum functionality.

With its robust yet **sleek design**, this electric scooter ensures **reliable performance**, **long-lasting durability**, and everyday practicality in any urban setting. Its **modular architecture** and **high-quality finishes** make it the ideal choice for those seeking an **efficient, sustainable vehicle built for intensive daily use**.



# DESIGN

Front



Super seat cushion



Back





# PERFORMANCE

**90** Km/h  
Max speed

**200** Nm  
Max torque

**4.0** kW  
Rated power

**5.4** kW  
Max power

**3** Riding modes  
50 Km/h -70Km/h  
90 Km/h



## Performance that makes a difference

**CPx-D** combines power and versatility to provide a dynamic and safe riding experience. Equipped with a **5.4 kW** maximum power motor and an impressive **200 Nm** of torque, it reaches a top speed of **90 km/h**, ideal for urban and peri-urban travel. The **3 riding modes** allow the performance to be adapted to the different needs of the rider, always ensuring the perfect balance between efficiency and responsiveness.

FOC 3.0 control unit



High power motor





# BATTERY

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

**2.5** Hours (Optional)  
Fast charging time

**5** Hours (Standard)  
Charging time

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

**74v 45Ah** NCM  
Battery

## Extraordinary range

The CPx-D features a **74V30Ah** and **74V45Ah** battery that, when used in a **dual-battery setup**, delivers a range of up to **130 km** according to the **WMTC Stage 3** test cycle.

It is managed by an advanced **Battery Management System** and a **CAN BUS Com-**

**munication** controller, ensuring **safe, efficient, and real-time energy monitoring**. The standard **74V10A charger** fully charges one battery in **5 hours**. For faster charging, extra optional solutions include a **74V20A fast charger** (**2.5 hours** per battery) and a **6.6 kW super fast charger**, capable of charging **from 0% to 80% in just 30 minutes**.



## Battery



74V/30Ah



74V/45Ah

## Chargers



Standard charger  
74V 10A



Optional charger\*  
74V 20A

## Super fast charger 6.6 kW





# CYCLING

## Power even up hill

**CPx-D** is designed to tackle any urban challenge, including the steepest roads. Thanks to its **high-performance engine**, it can overcome inclines of up to **19°** with ease, ensuring consistent and reliable performance even in the most demanding conditions.

## Hydraulic damping suspensions

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

**19°** Steep inclines  
Climbing Angle



Front suspension diameter  $\varnothing 31\text{mm}$



Rear suspension diameter  $\varnothing 38.4\text{mm}$





# SAFETY



## Rear disc brake ø180mm

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 (CST)

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



## 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 C** provides powerful illumination with an **intensity** of **28000** cd.



## Rear LED

**LED** rear 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 redefined: comfort meets sportiness

The **CPx-D** 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.

Extra comfort



Wide footrest





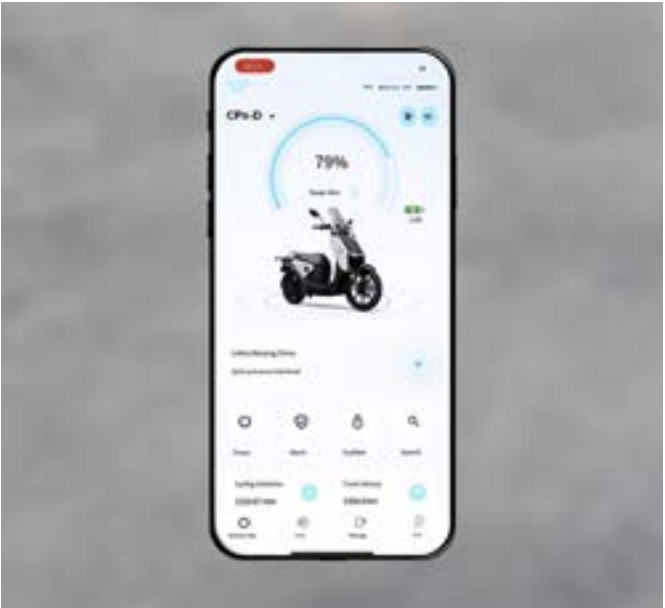
# KEY OPTIONAL PARTS



Tail box



Phone holder



Vmoto App



# 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

CPX-D



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<b>Homologation</b>	L3e-A1	<b>LxWxH</b>	2049 mm*757 mm*1450 mm
<b>Rated power</b>	4.0 kW	<b>Wheelbase</b>	1366 mm
<b>Max power</b>	5.4 kW	<b>Ground clearance</b>	154 mm
<b>Battery model</b> 	NCM lithium battery	<b>Seat height</b>	780 mm
<b>Battery capacity</b> 	74V/30Ah x 1 or 2 PCS 74V/45Ah x 1 or 2 PCS	<b>Rims</b>	Fr. 2.15-16   Rr. 2.5-14
<b>Charging time</b> 	Standard 5 h or 3.5 h x PCS Optional 2.5 h or 1.5 h x PCS Optional 30 min 0% to 80%	<b>Tyres</b>	Fr. 100/80-16   Rr. 110/80-14
<b>Charging power</b> 	Standard 74V10A Optional 74V20A Optional 6.6 kW	<b>Suspension</b>	Hydraulic damping system
<b>Range*</b> 	2 x 74V/45Ah 130 Km 2 x 74V/30Ah 105 Km	<b>Weight</b>	107 kg (without battery)
<b>Max speed</b>	90 Km/h	<b>Brakes</b>	CBS
<b>Climbing angle</b>	19°	<b>Colours</b>	White (customizable)

\*WMTC Stage 3

Compatible with the EMS system

\*Rear footrest for demonstration









**ELECTRIFY  
YOUR WORLD**

[vmoto.com](http://vmoto.com)