


CPX-D

EXPLORER

REVOLUTIONIZE YOUR WORK




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ELECTRIC MOBILITY SOLUTION

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DESIGN

Futuristic design for the delivery of tomorrow

The **CPx-D Explorer** reimagines urban mobility for the modern delivery sector. With **bold lines**, **aerodynamic contours**, and a **sleek, futuristic aesthetic**, this electric scooter flawlessly blends style and function.

Designed to stand out on the road while delivering top performance, the **CPx-D Explorer** is the ideal choice for those who demand **innovation**, **sustainability**, and **contemporary design** in one powerful vehicle.



DESIGN

Front



Top view



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 - 70 Km/h
90 Km/h

Performance engineered for profesional delivery

Built to deliver power, efficiency, and control, the **CPx-D Explorer** is the ideal solution for high-performance urban delivery. Its rear-wheel hub motor provides a **nominal power of 4.0 kW** and reaches a **peak output of 5.4 kW**, with an impressive **torque of 200 Nm**. The scooter reaches a **top speed of 90 km/h**, making it suitable for both city routes and faster suburban travel.

At the heart of its performance is the **F.O.C. 3.0 control unit**, which boosts power output by **16%**, ensuring smooth, responsive acceleration. With **3 riding modes**, the **CPx-D Explorer** adapts easily to varying delivery needs, offering the perfect balance between speed, range, and control.

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

Power tailored for your deliveries

The **CPx-D Explorer** features a **dual-battery configuration** and comes in two versions to suit different operational needs.

The **74V45Ah** battery setup delivers a range of up to **130 km**, while the **74V30Ah** version offers up to **105 km**.

Both measured with two batteries and tested under the **WMTC Stage 3 cycle**.

Three charging options are available to match your workflow: the standard **74V10A charger** fully charges one battery in about **5 hours**; the optional **74V20A charger** cuts charging time down to **2.5 hours**; and the **6.6 kW Super Fast Charger** takes a battery 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

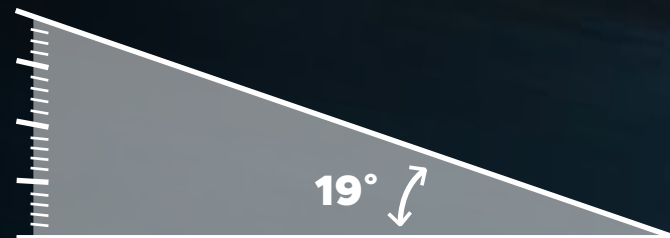


CYCLING

Power even up hill

CPx-D Explorer 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.

19° Steep inclines
Climbing Angle



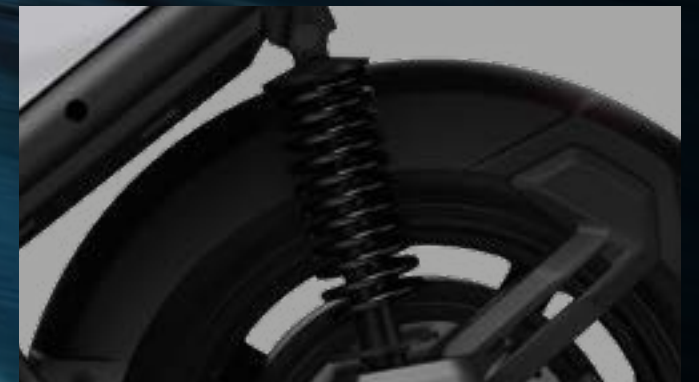
Hydraulic damping suspensions

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

Front suspension ø31.5mm



Rear suspension ø38.7mm



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 stand** 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

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.



USB + Type C

Dual **USB** and **Type C** charging ports, designed to provide maximum convenience during deliveries.

ERGONOMICS



Ergonomics redefined: comfort meets sportiness

The **CPx-D Explorer** 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



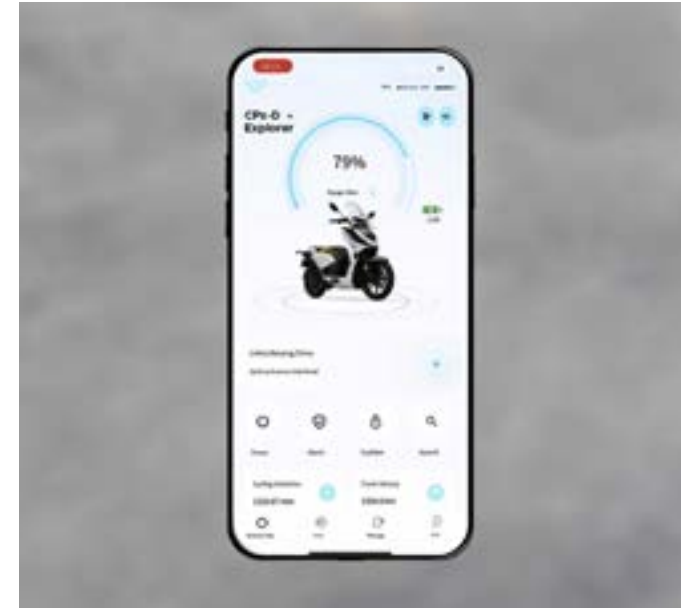
KEY OPTIONAL PARTS



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



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CPX-D
EXPLORER



Homologation	L3e-A1	LxWxH	2062 mm*750 mm*1520 mm
Rated power	4.0 kW	Wheelbase	1366 mm
Max power	5.4 kW	Ground clearance	154 mm
Battery model	EMS NCM lithium battery	Seat height	760 mm
Battery capacity	EMS 74V/30Ah x 1 or 2 PCS 74V/45Ah x 1 or 2 PCS	Rims	Fr. 2.15-16 Rr. 2.5-14
Charging time	EMS 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%	Tyres	Fr. 100/80-16 Rr. 110/80-14
Charging power	EMS Standard 74V10A Optional 74V20A Optional 6.6 kW	Suspension	Hydraulic damping system
Range*	EMS 2 x 74V/45Ah 130 Km 2 x 74V/30Ah 105 Km	Weight	112 kg (without battery)
Max speed	90 Km/h	Brakes	CBS
Climbing angle	19°	Colours	White (customizable)

*WMTC Stage 3

Compatible with the EMS system





**ELECTRIFY
YOUR WORLD**

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