

ELECTRIC MOBILITY




VMOTO


VMOTO

Happiness is a journey



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Happiness is a journey

STASH

Jump on board and become the pioneers of the new urban mobility.
Discover this EV that crosses all expectations.
Come and see the shape of revolution.



high performances


>120 km/h
L3 speed with boost


8 kW
Engine power


180 km
Range

All data are subject to testing and must be confirmed



Innovation, avant-garde and maximum comfort are the features of Stash: the 100% EV that represents a new way of living, moving and thinking.



Central transmission engine

The mid-engine transmission that offers excellent true sports bike performance



Top-of-the-line aesthetics

Rear swing arm that with its dynamic and audacious lines makes Stash an even more exclusive product



One push boost button

Make a safe overtake with the extra speed delivered by the boost button



Italian design

Stash borrows from the 'pencil' of the designer Adrian Morton, Design Director of C-Creative

STASH

TOP FEATURES

The chassis is rigid and light, combined with top-quality suspension and 17-inch wheels, just like a true road bike.





TOP FEATURES

The high-performance electric motor has a rated power of 8 kW and a peak power of 15 kW and is complemented by the boost function. Under normal driving conditions, Stash reaches a speed of 110 km/h, while activating the boost function takes it to more than 120 km/h, with the aim of reducing the space needed for overtaking, to the benefit of safety.

STASH



HALF MOTORBIKE, HALF SCOOTER

The large inner compartment can accommodate a helmet or a bag, making the Stash the perfect commuter motorbike: whether the destination is the office, the gym or an evening with friends, this EV combines the agility and practicality of a scooter and the grit of a motorbike.



Full LED headlights provide the best visibility conditions, day, night and in all weather conditions.

75_m
Radiation distance

29000_{Cd}
High beam brightness

13480_{Cd}
Low beam brightness



ICONIC REAR

Great character for the rear headlight: unique design and suitable lighting to give maximum visibility in all light conditions.



● Nado grey ● Blue ● Black

TECHNICAL INFORMATION

Homologation	L3 (comparable to a 125cc.)		
Engine	VMOTO	Weight	143 kg
Rated power	8000 W	L*W*H	2012 mm*780 mm*1100 mm
Maximum power	15000 W	Wheelbase	1373 mm
Battery model	ATL softcore battery	Ground Clearance	175 mm
Battery capacity	72 V/100 Ah	Seat Height	830 mm
Charging time	5/6 h (optional 2.5 h charger)	Tires	Fr. 110/70-17 Rr. 140/70-17
Output current	20 Ah	Suspension	Hydraulic damping system
Autonomy	180 km* (Not confirmed)	Brakes	ABS (Fr. Rr. disc)
Max speed	> 120 km/h (Not confirmed)	Colors	Blue, Black (Not confirmed)
Climbing angle	≤ 24°		

*WMTC Stage 3

Tested at an average speed of 45 km/h; rider weight 75 kg.

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April 2023

ON-R | OFF-R

All the know-how of its endothermic cousins with electric innovation: advanced, young, versatile. Discover the new entry in the Vmoto family, **discover ON-R | OFF-R.**



small size,
big charge!

90 km/h
 ON-R | L3 speed

110 km/h
 OFF-R | L3 speed

4 kW
 Rated power

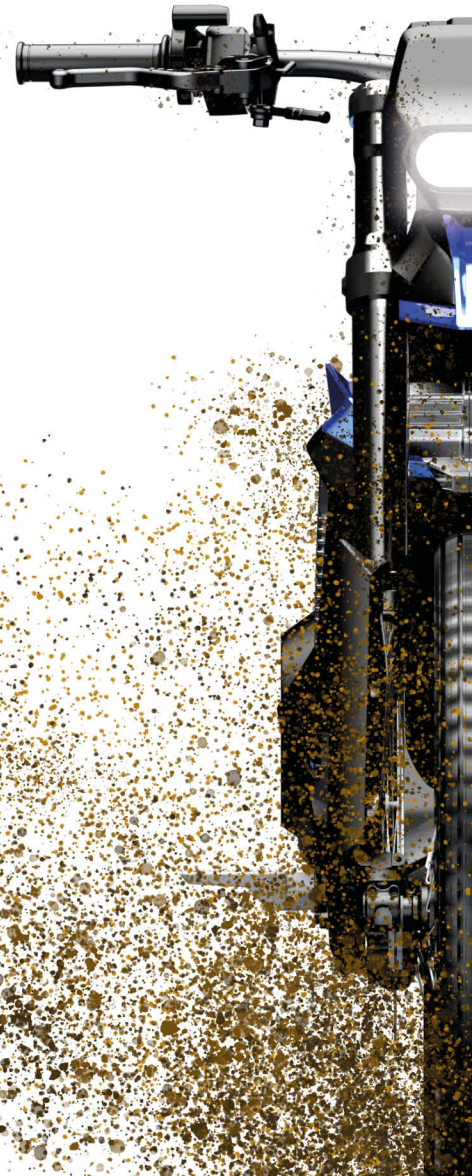
8 kW
 Max. power



**A DIRT BIKE
 WITHOUT COMPETITORS**

This two-wheeler is supported by a **powerful 8 kW** engine and guarantees a **range up to 115 Km**: absolutely the best performance in the industry.

Die-cast aluminium frame and swingarm, motocross-derived components and ergonomics that ensure **maximum control** of the vehicle for **safe riding pleasure. Fresh, cool and youthful design.**





Dashboard

Multiple function display. Intelligent high brightness, self-adjust with light sensing.



Power button

Easy access to the switch button to facilitate all kinds of riders.



Electric socket recharge

To conveniently recharge your bike wherever you want.



High-travel suspension

Allows to best dampen holes and rocks This two-wheeler is not afraid of any kind of land.

unique and stylish

ON-R OFF-R





● Blue

● Yellow

● Yellow

● Blue

ON-R

TECHNICAL INFORMATION

Homologation	L1e-B, L3e-A1	Weight	85 kg (72 V/48 Ah) 80 kg (72 V/32 Ah)
Motor	VMOTO	L*W*H	1970 mm*780* mm*1080 mm
Rated power	4000 W	Wheelbase	1310 mm
Maximum power	8000 W	Ground clearance	270 mm
Battery model	21700 cylindrical battery	Seat height	840 mm
Battery capacity	72 V/32 Ah 72 V/48 Ah	Rims	Fr. 1.6-19 or 1.85-18 Rr. 1.85-18 or 2.15-18
Charging time	2.5 h (72 V/32 Ah) 3.5 h (72 V/48 Ah)	Tyres	Fr. 2.25-19 or 2.75-18 Rr. 2.75-18 or 100/80-18
Charging power	1.08 KW	Suspension	Hydraulic damping system
Input voltage	220-240 VAC	Brakes	L1 SSBS L3 CBS
Autonomy	L1 115 km* (72 V/48 Ah) 68 km* (72 V/32 Ah) L3 104 km* (72 V/48 Ah) 68 km (72 V/32 Ah)	Colors	Blue, Yellow
Max speed	L1 45 km/h L3 90 km/h		
Climbing angle	≤ 18°		

*WMTC Stage 3

OFF-R

TECHNICAL INFORMATION

Homologation	L1e-B, L3e-A1	Weight	85 kg (72 V/48 Ah) 80 kg (72 V/32 Ah)
Motor	VMOTO	L*W*H	1900 mm*814* mm*1080 mm
Rated power	4000 W	Wheelbase	1302 mm
Maximum power	8000 W	Ground clearance	270 mm
Battery model	21700 cylindrical battery	Seat height	840 mm
Battery capacity	72 V/32 Ah 72 V/48 Ah	Rims	Fr. 1.6-19 Rr. 2.15-16
Charging time	2.5 h (72 V/32 Ah) 3.5 h (72 V/48 Ah)	Tyres	Fr. 70/90-19 Rr. 90/100-16
Charging power	1.08 KW	Suspension	Hydraulic damping system
Input voltage	220-240 VAC	Brakes	SSBS
Autonomy	L1 115 km* (72 V/48 Ah) 68 km* (72 V/32 Ah) L3 104 km* (72 V/48 Ah) 68 km (72 V/32 Ah)	Colours	Blue, Yellow
Max speed	L1 45 km/h L3 110 km/h		
Climbing angle	≤ 30°		

*WMTC Stage 3



ON-R
STREET TIRE VERSION

OFF-R
OFF-ROAD TIRE VERSION

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F01

Solidity, safety and strength.

Clean lines and an entirely new colour range:
F01 goes from the B2B world to the conquest of the mass public.



design

at its best



 **45** km/h
L1 max speed

 **2** kW
L1 rated power

 **80** km
L1 autonomy

 **80** km/h
L3 max speed

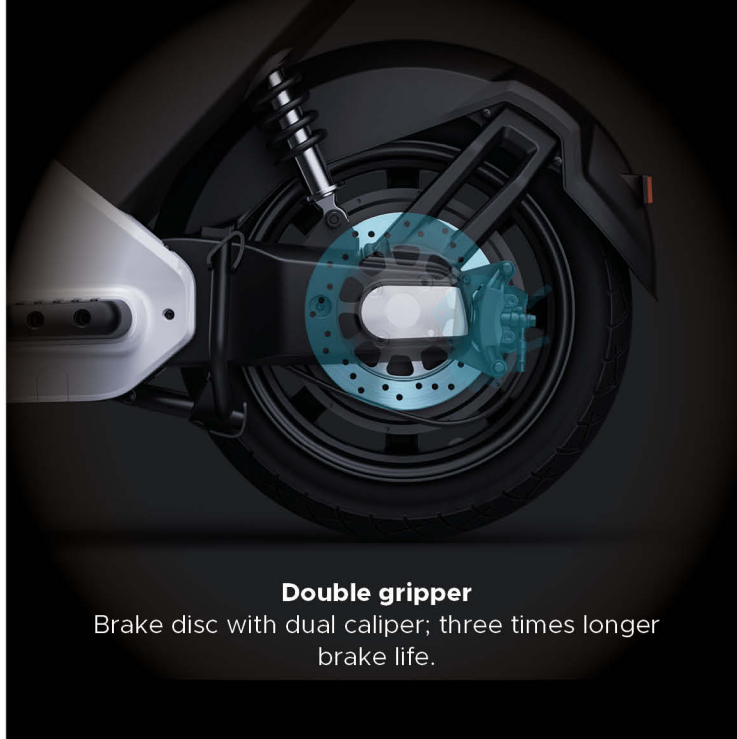
 **3.5** kW
L3 rated power

 **65** km
L3 autonomy

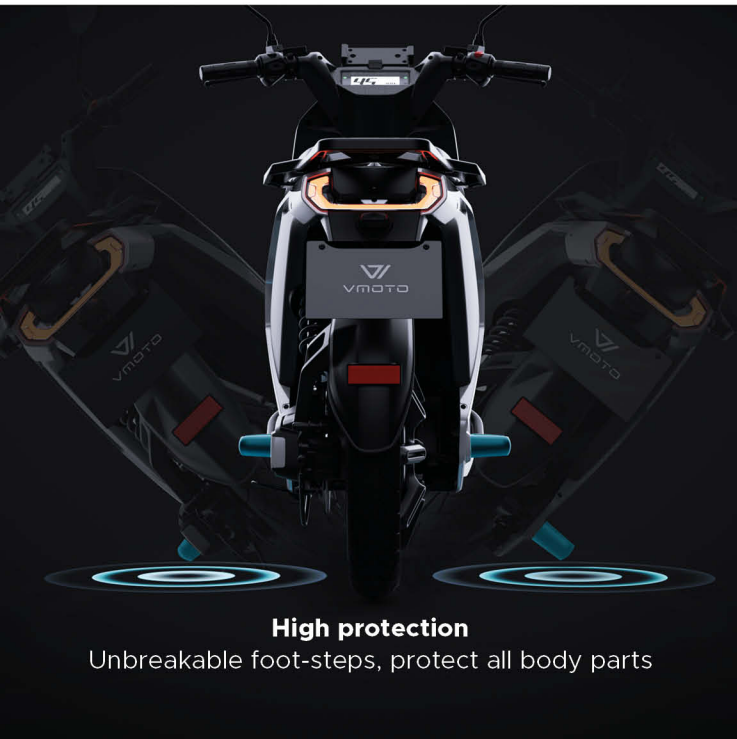




Revers button
User friendly reverse function for easy driving



Double gripper
Brake disc with dual caliper; three times longer brake life.



High protection
Unbreakable foot-steps, protect all body parts



Always on the move
The wheel change takes as little as 5 minutes.

FORMALIZED BATTERY PACK

F01 battery pack fits on multiple Vmoto models: less battery stock for operator, more opportunity to live your never ending travel.

- 60V45Ah**
Battery capacity
- or
- 60V32Ah**
Battery capacity
- 3** years
Warranty
- 1500+**
Cycles
- 3.5h**
Fast charger
(optional)



EASY REPAIR

Unique and unmistakable, it conveys elegance and solidity with a focus on easy repair in case of damage.

The front fairings of the F01 can be easily removed to reach the electronic components, which are concentrated at the front of the scooter.



IN THE SMALLEST DETAILS

From the front headlight to the rear, every detail expresses quality, style and freshness, characterizing and differentiating the lines of F01.



TECHNICAL INFORMATION

Homologation	L1, L3 (comparable to a 50cc, 125cc.)		
Motor	VMOTO	Weight	110 kg (60 V/45 Ah) 106 kg (60 V/32 Ah)
Rated power	2000 W L1 3500 W L3	L*W*H	1940 mm*730* mm*1160 mm
Maximum power	2400 W L1 4700 W L3	Wheelbase	1327 mm
Battery model	Polymer lithium battery		
Battery capacity	60 V/45 Ah 60 V/32 Ah	Ground Clearance	130 mm
Charging time	3.5 h (fast charger) 6 h (Normal charger)	Seat Height	855 mm
Input voltage	220-240 VAC	Rims	Fr. 1.85-16 Rr. 2.5-14
Autonomy	L1 80 km* L3 65 km*	Tyres	Fr. 90/80-16 Rr. 90/90-14
Max speed	L1 45 km/h L3 80 km/h	Suspension	Hydraulic damping system
Climbing angle	≤ 14°	Brakes	CBS
		Colors	Black, Red, White, Light Blue, Sky Blue

*WMTC Stage 3

Tested at an average speed of 45 km/h; rider weight 75 kg.

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	STASH	ON-R	OFF-R	F01
Engine	VMOTO	VMOTO	VMOTO	VMOTO
Rated power	8000 W	4000 W	4000 W	L1 L3
Power peak	15000 W	8000 W	8000 W	L1 2000 w L3 3500 W
Battery model	Polymer lithium battery	21700 cylindrical lithium battery	21700 cylindrical lithium battery	Polymer lithium battery
Battery capacity	72 V/100 Ah	72 V/48 Ah or 72 V/32 Ah	72 V/48 Ah or 72 V/32 Ah	60 V/45 Ah or 60 V/32 Ah
Charging time	5-6 h	2.5 h (72 V/32 Ah) 3.5 h (72 V/48 Ah)	2.5 h (72 V/32 Ah) 3.5 h (72 V/48 Ah)	3.5 h fast charger 6 h normal charger
Charging power		1.08 Kw	1.08 Kw	0.9 Kw fast charger 0.48 Kw normal charger
Max speed	>120 km/h	L1: 45 km/h L3: 90 km/h	L1: 45 km/h L3: 110 km/h	L1 45 km/h L3 80 km/h
Autonomy*	180 Km*	L1: 115 km (72 V/48 Ah bat.) 68 km (72 V/32 Ah bat.) L3: 104 km (72 V/48 Ah bat.) 68 km (72 V/32 Ah bat.)	L1: 115 km (72 V/48 Ah bat.) 68 km (72 V/32 Ah bat.) L3: 104 km (72 V/48 Ah bat.) 68 km (72 V/32 Ah bat.)	L1 80 km L3 65 Km
Climbing corner	≥ 24°	18°	30°	14°
L*W*H	2012*780*1100 mm	1970*780*1080 mm	1900*814*1080 mm	1940*730*1160 mm
Weight	143 kg	85 Kg (72 V/48 Ah battery) 80 Kg (72 V/32 Ah battery)	85 Kg (72 V/48 Ah battery) 80 Kg (72 V/32 Ah battery)	110 Kg 60 V/45 Ah bat. 106 Kg 60 V/32 Ah bat.
Wheelbase	1373 mm	1310 mm	1302 mm	1327 mm
Ground clearance	175 mm	270 mm	270 mm	130 mm
Seat height	830 mm (R Point)	840 mm (R point)	840 mm (R point)	855 mm (R Point)
Rims	Fr. 2.5-17 Rr. 3.75-17	Fr. 1.6-19 or 1.85-18 Rr. 1.85-18 or 2.15-18	Fr. 1.6-19 Rr. 2.15-16	Fr 1.85-16 Rr. 2.5-14
Tires	Front 110/70-17 Rear 140/70-17	Fr. 2.25-19 or 2.75-18 Rr. 2.75-18 or 100/80-18	Fr. 70/90-19 Rr. 90/100-16	Front 90/80-16 Rear 90/90-14
Suspension	Hydraulic damping system	Hydraulic damping system	Hydraulic damping system	Hydraulic damping system
Brakes	ABS (Fr./Rr. Disc)	L1e-B: SSBS L3e-A1: CBS	SSBS	CBS
Colors	<ul style="list-style-type: none"> Nado grey Black Blue T.B.D. 	<ul style="list-style-type: none"> Blue Yellow 	<ul style="list-style-type: none"> Blue Yellow 	<ul style="list-style-type: none"> White Grey Light Blue Red Black

*WMTC Stage 3

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