

ELECTRIC MOBILITY





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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

### 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.



### 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<sub>m</sub>**  
Radiation distance

**29000<sub>Cd</sub>**  
High beam brightness

**13480<sub>Cd</sub>**  
Low beam brightness



#### ICONIC REAR

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



● Black

● Blue

Homologation	L3 (comparable to a 125cc.)	Weight	143 kg (net weight)
Engine	VMOTO	LxWxH	2012 mm*780 mm*1100 mm
Rated Power	8000 W	Wheelbase	1373 mm
Maximum power	15000 W (maximum peak power)	Ground clearance	175 mm
Battery model	ATL Softcore battery	Seat height	830 mm (R Point)
Battery capacity	72 V 100 Ah	Rims	Fr. 2,15-17   Rr. 3.75-17
Charging time	5-6 h	Tires	Front 100/70-17
Output current	20 A		Rear 140/70-17
Input voltage	220-240 VAC	Suspension	Hydraulic damping system
Autonomy	180 km	Brakes	ABS (Fr./Rr. Disc)
Max. Speed	> 120 km/h	Colours	to be defined
Climbing angle	≥ 24°	Max Loading Quantity	36 units

Technical data are still in the testing stage and may be subject to change



# 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







Yellow

Blue

## ON-R

<b>Homologation</b>	L1e-B   L3e-A1	<b>Climbing angle</b>	18°
<b>Engine</b>	VMOTO	<b>Weight</b>	85 Kg (72 V/48 Ah battery) 80 Kg (72 V/32 Ah battery)
<b>Rated Power</b>	4000 W	<b>LxWxH</b>	1970 mm*780 mm*1080 mm
<b>Maximum power</b>	8000 W	<b>Wheelbase</b>	1310 mm
<b>Battery model</b>	21700 cylindrical lithium battery	<b>Ground clearance</b>	270 mm
<b>Battery capacity</b>	72 V/48 Ah or 72 V/32 Ah	<b>Seat height</b>	840 mm (R point)
<b>Charging time</b>	2.5 h (72 V/32 Ah)   3.5 h (72 V/48 Ah)	<b>Rims</b>	Fr. 1.6*19 or 1.85*18   Rr. 1.85*18 or 2.15*18
<b>Charging power</b>	1.08 Kw	<b>Tires</b>	Fr. 2.25-19 or 2.75-18   Rr. 2.75-18 or 100/80-18
<b>Autonomy*</b>	L1e-B: 115 km (72 V/48 Ah battery) 68 km (72 V/32 Ah battery)	<b>Suspension</b>	Hydraulic damping system
	L3e-A1: 104 km (72 V/48 Ah battery) 68 km (72 V/32 Ah battery)	<b>Brakes</b>	L1e-B: SSBS   L3e-A1: CBS
<b>Max. Speed</b>	L1e-B: 45 km/h   L3e-A1: 90 km/h	<b>Colours</b>	Blue, Yellow

\*WMTC Stage 3



ON-R  
STREET TIRE VERSION

OFF-R  
OFF-ROAD TIRE VERSION

## OFF-R

<b>Homologation</b>	CE (Certificate of Compliance)	<b>Climbing angle</b>	30°
<b>Engine</b>	VMOTO	<b>Weight</b>	85 Kg (72 V/48 Ah battery) 80 Kg (72 V/32 Ah battery)
<b>Rated Power</b>	4000 W	<b>LxWxH</b>	1900 mm*814 mm*1080 mm
<b>Maximum power</b>	8000 W	<b>Wheelbase</b>	1302 mm
<b>Battery model</b>	21700 cylindrical lithium battery	<b>Ground clearance</b>	270 mm
<b>Battery capacity</b>	72 V/48 Ah or 72 V/32 Ah	<b>Seat height</b>	840 mm (R point)
<b>Charging time</b>	2.5 h (72 V/32 Ah)   3.5 h (72 V/48 Ah)	<b>Rims</b>	Fr. 1.6*19   Rr. 2.15*16
<b>Charging power</b>	1.08 Kw	<b>Tires</b>	Fr. 70/90-19   Rr. 90/100-16
<b>Autonomy*</b>	L1e: 115 km (72 V/48 Ah battery) 68 km (72 V/32 Ah battery)	<b>Suspension</b>	Hydraulic damping system
	L3e: 104 km (72 V/48 Ah battery) 68 km (72 V/32 Ah battery)	<b>Brakes</b>	SSBS
<b>Max. Speed</b>	L1e-B: 45 km/h   L3e-A1: 110 km/h	<b>Colours</b>	Blue, Yellow

\*WMTC Stage 3

# 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



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

**3.5<sub>h</sub>**  
Fast charger  
(optional)

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

User friendly reverse function for easy driving

The wheel change takes as little as 5 minutes.

Unbreakable foot-steps, protect all body parts





### EASY REPAIR

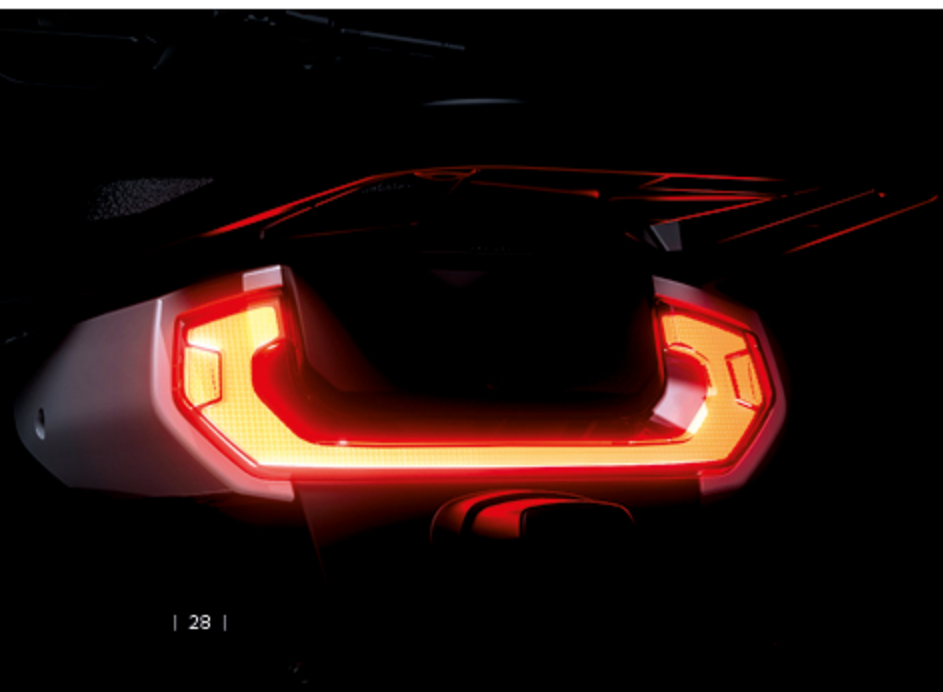
Unique and unmistakable, it conveys elegance and solidity with a focus on easy repair in case of damage.

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.



<b>Homologation</b>	L1e-B   L3e-A1	<b>Weight</b>	110Kg (60 V/45 Ah battery) 106Kg (60 V/32 Ah Battery)
<b>Engine</b>	VMOTO	<b>LxWxH</b>	1940 mm*730 mm*1160 mm
<b>Rated Power</b>	2.0 Kw L1e-B   3.5 Kw L3e-A1	<b>Wheelbase</b>	1327 mm
<b>Maximum power</b>	2.4 Kw	<b>Ground clearance</b>	130 mm
<b>Battery model</b>	Polymer lithium battery	<b>Seat height</b>	855 mm (R Point)
<b>Battery capacity</b>	60 V/45 Ah or 60 V/32 Ah	<b>Rims</b>	Fr. 1.85-16   Rr. 2.5-14
<b>Charging time</b>	3.5 h fast charger   6 h normal charger	<b>Tires</b>	Fr. 90/80-16   Rr. 90/90-14
<b>Charging power</b>	0.9 Kw fast charger   0.48 Kw normal charger	<b>Suspension</b>	Hydraulic
<b>Autonomy*</b>	L1e-B: 80 Km   L3e-A1: 65 Km	<b>Brakes</b>	CBS
<b>Max. Speed</b>	L1e-B: 45 Km/h   L3e-A1: 80Km/h	<b>Colours</b>	Black, Red passion, Pearl White, Light blue, Dark Blue
<b>Climbing angle</b>	14°		

\*WMTC Stage 3

	STASH	ON-R	OFF-R	F01
Engine	VMOTO	VMOTO	VMOTO	VMOTO
Rated power	8000 W	4000 W	4000 W	L1e   L3e
Power peak	15 kW	8000 W	8000 W	L1e 2 Kw   L3e 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	L1e-B: 45 km/h   L3e-A1: 90 km/h	L1e-B: 45 km/h L3e-A1: 110 km/h	L1e 45 km/h   L3e 80 km/h
Autonomy*	180 Km*	L1e-B: 115 km (72 V/48 Ah bat.) 68 km (72 V/32 Ah bat.) L3e-A1: 104 km (72 V/48 Ah bat.) 68 km (72 V/32 Ah bat.)	L1e: 115 km (72 V/48 Ah bat.) 68 km (72 V/32 Ah bat.) L3e: 104 km (72 V/48 Ah bat.) 68 km (72 V/32 Ah bat.)	L1e 80 km   L3e 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	To be defined	<div> <div>Blue</div> <div>Yellow</div> </div>	<div> <div>Blue</div> <div>Yellow</div> </div>	<div> <div>White</div> <div>Gray</div> <div>Light Blue</div> <div>Red</div> <div>Black</div> </div>

\*WMTC Stage 3

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