

CITI&VS2CITI (74V30AH)

BEST FEATURES

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BEST FEATURES



*CITI&VS2 CITI
(74V30AH)*



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01. Launching Background

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Launching Background

Price

6000EURO

3000EURO



$\leq 50\text{cc}$

Small



$< 100\text{cc}$

$< 100\text{cc}$

60V45AH

74V30AH



$< 125\text{cc}$

Big

Size

CITI/VS2 CITI with 1*74V30AH battery is with lower price than CITI/VS2 CITI with 1*60V45AH battery, better price to penetrate the market.

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Target Customer

2C

Age

18-35

Gender
Distribution

Male:Female=7:3

Location

Urban

Jobs

Office Staff, Students,
Workers, etc.

Income/
Month

2000-5000 EURO

Function

Daily commuting

Request

- Simple but modern design
- Practical function
- Strong loading performance (applicable with different boxes)
- Easy maintenance

2B

Age

18-35

Gender
Distribution

Male:Female=9:1

Location

Urban

Jobs

Delivery Boy/Girl

Income/Mon
th

2000-3000 EURO

Function

Delivery

Request

- Simple design
- Practical function
- Strong loading performance (applicable with different boxes)
- Easy maintenance



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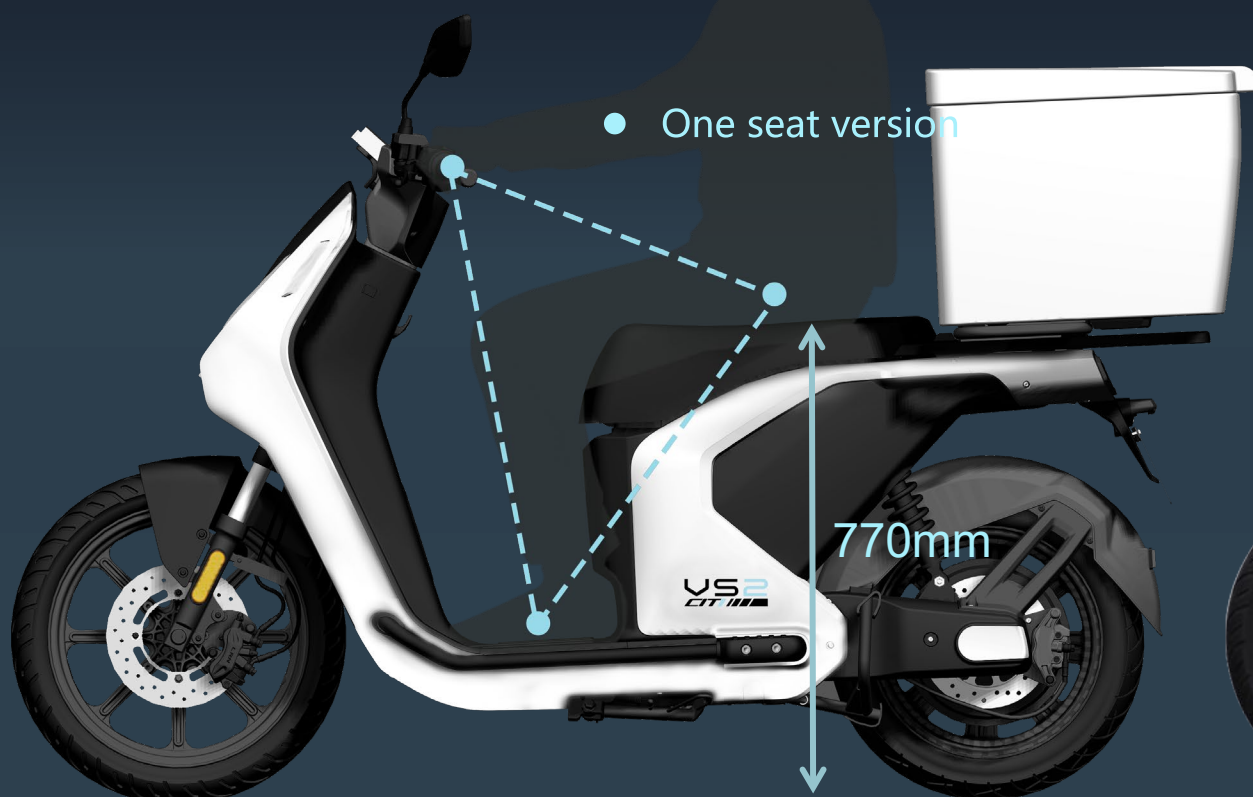
Streamlined Design

- Full sense of technology
- Modern fashion body design



Ergonomic Design

- Comfortable seat curve, easy for feet landing
- Seat height 770mm, easily for women as well
- Suitable for 175 – 190cm riders



LCD screen

- Large-size digital display
- Real time speed monitor display
- Real time battery status display
- Cumulative kilometers display
- L/R indicator display



LED Lighting System

- Designed by famous Italian designer
- Unique "Vmoto" gene light
- Fashion, Safe, Energy saving



► Flexible body

- Optimized body design, light and safe
- A large enough roll Angle makes the bending smoother and lower
- The ride is more spontaneous, more free



▶ 2B/2C Version

2B-Delivery Version



2C-Commute Version



► Colors(CITI)



● White

● Matte Blue

● Matte Black

● Red

► Color(VS2 CITI)



● White

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Super Fast Charger

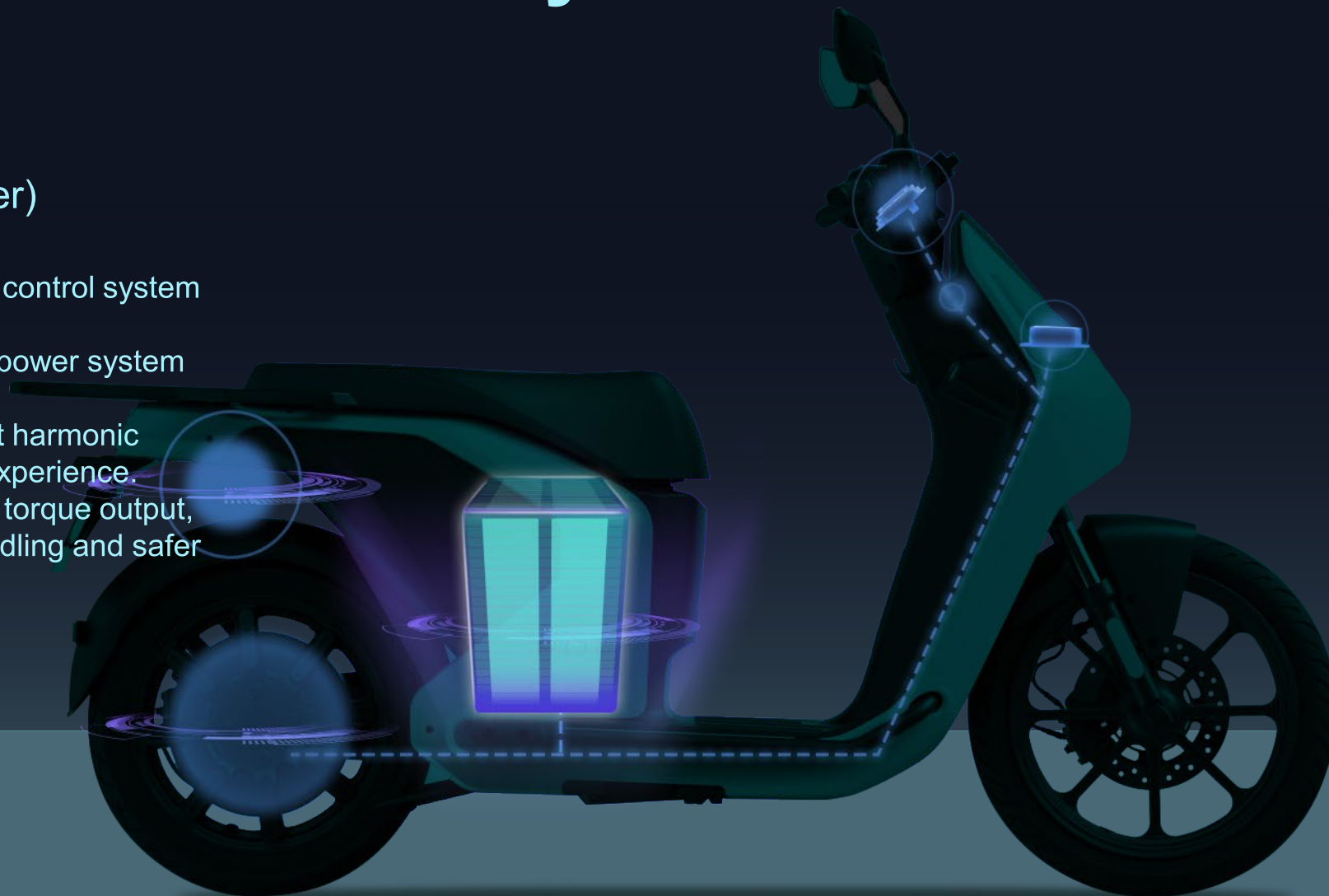
- 6600 W fast charger (repairable).
- 30 minutes charge from 0% - 80%
- Charger working environment - 45°C to 75°C.
- Portable Version and ON-WALL Version available



FOC control system

FOC Controller (Field Oriented Controller)

- The space vector electromagnetic control system activates the natural motor gene.
- High torque efficiency ratio, lower power system loss, more energy saving.
- Low torque ripple, effective current harmonic suppression, bring a better NVH experience.
- Direct torque control for maximum torque output, fast dynamic response, stable handling and safer riding.



BMS (battery management system)



- Intelligent monitoring of battery status, prevent over charging, over discharge.
- Prolong the battery life
- Overload intelligent power off protection
- Motor conductor short circuit protection
- High voltage insulation protection
- Undervoltage protection

✓ **Smart**

✓ **Safety**

✓ **Relieved**

Powerful system

Climbing performance

- 14° the climbing angle, saving effort

- L1e-B: Max speed 45Km/h, range: 127Km
- L3e-A1: Max speed 80Km/h, range: 107Km



Hydraulic damping Suspensions

Adjustable for different road conditions

- The hydraulic system is added on the basis of spring shock absorption, which effectively reduces the bumpy feeling of uneven road sections.
- Front 380mm /Rear 280mm
- The rear wheel has single-arm shock absorption.



CBS



CBS with double calipers

- Better braking performance
- Safer for rider



CAN-BUS Communication

CAN-BUS communication

- CAN-BUS manage real-time communication with batteries, controllers, sensors.

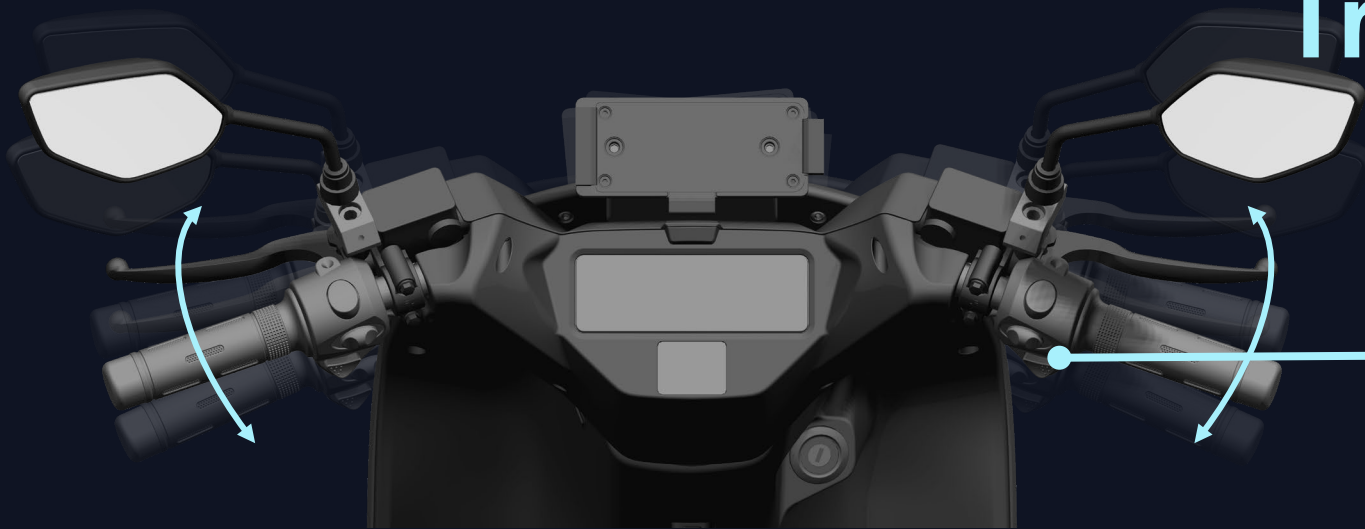


Safe start with braking

- Brake start, more safe, when fully ready to start, to avoid accidents caused by misoperation before travel.

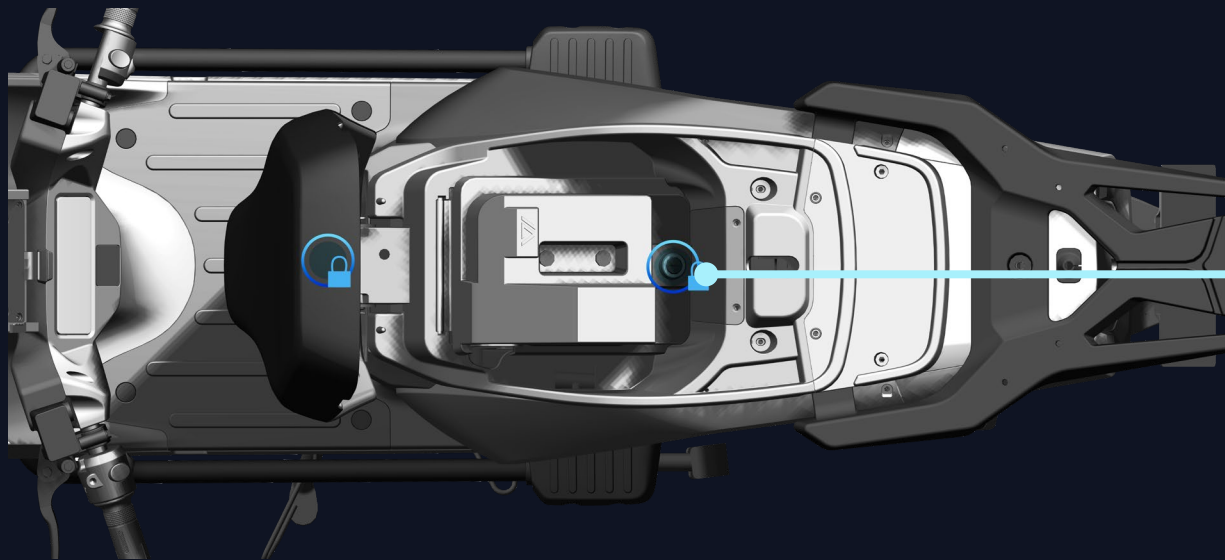


Triple anti-theft lock



● Steering handle lock

- Fix handle position
- Battery cover lock
- Electronic anti-theft



● Battery cover lock

Less maintenance time



Changing tyre

- 5s for replacement time

Steady stand

Side stand sensing



- Power off when open the side stand

- Double choices for parking, side & middle stand
- High strength spring, landing steadily easy to back
- Prolong the middle stand, easy to save effort



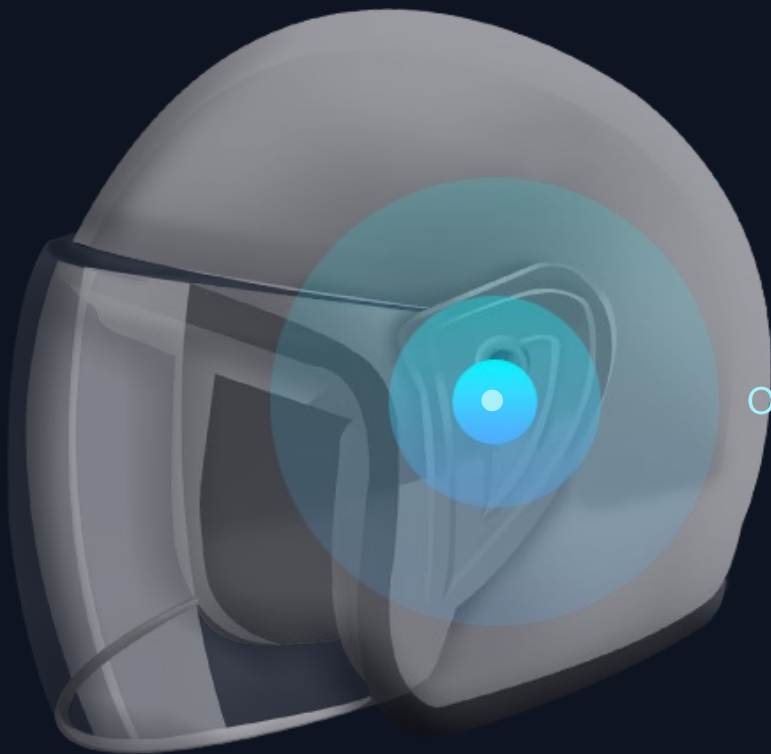
Type C + USB



Hazard Warning Light

Optional storage trunk

- Large storage space for two helmets.
- Simple operation, does not occupy the seat width, can be used as backrest.



Optional helmet sensor



Optional 4G module

- Vmoto visualization, smart APP.
- Stay connected at all times to monitor vehicle status.



Optional mobile holder

- The transverse stand, and the vehicle screen form a dual display
- Real-time navigation ensures efficient driving
- Stable stand to ensure that the phone does not fall



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Specification

(CITI&VS2 CITI)



Series		L1e-B	L3e-A1	Series		L1e-B	L3e-A1
Battery	Battery Concept	Pouch Battery		Basic Info.	LxWxH	1940×730×1080mm	
	Battery Capacity	74V30Ah (*2 PCS)	74V30Ah (*2PCS)		Wheelbase	1330mm	
Motor	Motor Power	3000W (EEC)	4000W (EEC)		Ground Clearance	130mm	
		3300W (Maximum peak power)	5100W (Maximum peak power)		Seat Height	770mm	
Charger	Charging power	720W (6600W fast charger optional)			Front Tyre	90/80-16	
	Charging time	3H/PCS (0%-80% 30 minutes with fast charger)			Rear Tyre	90/90-14	
Performance (Factory Setting)	Max. Speed (GPS)	45Km/h	80km/h		Brakes	CBS (Fr./Rr. Disc)	
	Distance Range	127Km(WMTC Stage 3)	107km(WMTC Stage 3)		Rim	Fr 2.15-16/Rr 2.5-14	
	Climb Capacity	≤14°			Fr/Rr Suspension	Hydraulic	
	Weight	92KG (without battery)			Color	Matte Black / Red / White / Matte Blue	
					Max Loading Qty	50units	



VMOTO