

ETLANDER

MULTIFUNCTIONAL ELECTRIC VEHICLE



by **ETESIA**

ETLANDER

ELECTRIC



Protect the environment.

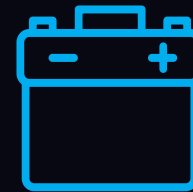
For clean and quiet driving:

- Zero CO² emissions
- Zero noise pollution



SILENT

Ensures quiet driving and work without noise pollution



BATTERY

- Lead or Lithium
- Battery location offers a low centre of gravity and good weight distribution

EASYCHARGING

Recharging time of the battery:
7h on standard power outlet (16A 230V) or on a charging station, simple plug

SECURITY

- Electronic management of vehicle start and stop (RFID badge)
- Pre-equipped for trifflesh installation (frequent stop)*



AUTONOMOUS

- 1 working day
- 230V power outlet

**Configuration to be planned at the time of purchase.*

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OUTLANDISH

CAPACITY:
1 TON

Possibility of towing up
to 750 kg in addition
to the tipper load



SPEED:
Up to 40 km/h

VERSATILE

ET-LANDER is also at ease in town...

- Compact (overall length of 3.72 m)
- Short turning radius (4.9 m between two walls, 4.5 m between two kerbs)
- High ground clearance (195 mm) for the passage of anti-access bollards
- Audible pedestrian warning system for added safety



Drive and cross with ease.



...And in the green!

- High ground clearance (195 mm) and robust chassis for obstacle clearance
- Excellent traction (185 R14 off-road tyres with 14" rims)
- Slopes up to 35% (unladen), even off-road

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CUSTOMIZABLE

Take action no matter what your mission is.

WATER TANK

- Water pump
- Water outlet (quick coupling with safety valve) at the front and right side of the vehicle



STORAGE BOXES

2 versions
(with short tipper):
with or without
water tank

CHOICE OF TIRES

Road or off-road

ACCESSORY HOLDER

for garden hose



EXCLUSIVE

LOADING RAMP

Side panels can be converted quickly and without tools into loading ramps (long tipper)



CABIN

with doors or optional half-doors*

BATTERY

Lithium

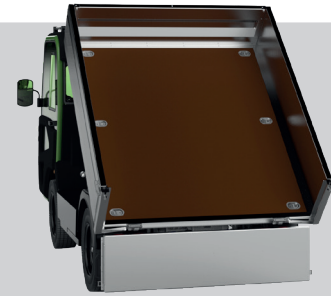


ENERGY CONVERTER

2 kW to power various power tools of 230V



**Subject to availability.*



SHORT OR LONG TIPPER, FIXED OR HYDRAULIC

- Hydraulic tipping with dual cab control and remote control
- Side panel extension for more loading volume

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ERGONOMIC

Don't forget your comfort.



SPACIOUS CABIN

- 2-seater cabin with 1.7 m³ of interior volume
- Soundproofed, thermally insulated and ventilated cabin



DRIVING COMFORT

- Easy access without steps
- Power steering
- Shock absorbing suspension



360° VISIBILITY

- 360° field of vision, no blind spots (side and front)
- Reversing camera (fitted as standard)



ERGONOMIC CENTRAL CONSOLE

- Backlit membrane keyboard
- 4.3" LCD display
- Grouping of all equipment and accessory controls, as well as information and warning indicators

ECO-CONCEPT



95%
RECYCLABLE
MATERIALS

MADE IN FRANCE

- Designed and assembled in Wissembourg, Alsace
- Based on a network of local, national and European suppliers
- Co-developed with partners (landscapers, cities, communities)



INNOVATIVE & ROBUST

- Expanded polypropylene material for the cab lining
- Aluminium material for the cab, cabinet and tipper
- Designed to last



CHARACTERISTICS

Designed and manufactured in France, ET-LANDER is built on a robust chassis and is equipped with proven technical components. Easy to maintain, it is guaranteed for 2 years parts and labour.



TECHNICAL CHARACTERISTICS

PERFORMANCE

Maximum loading area:	181 cm x 151cm
Maximum payload:	1 metric ton
Long tipper:	L 1815 mm / l 1515 mm
Short tipper:	L 1570 mm / l 1515 mm
Height of the side panel:	380 mm
Maximum towing capacity (unbraked trailer):	750 kg
Estimated range:	1 working day
Maximum speed:	Up to 40 km/h
Maximum gradeability:	35% (unloaded)
Minimum turning radius: *between two walls and **between two curbs	*4,9 m **4,5 m

MOTOR

Electric motor type:	3-phase asynchronous
Nominal power:	10 kW

TRANSMISSION

Mechanical differential axle
Transmission by 1/16 reduction gearing on rear wheels

SUSPENSION

Front: double wishbone, Rear: leaf spring

BRAKES

Front: disc brakes, Rear: drum brakes
 Mechanical service brake (hydraulically controlled)
 Electric regenerative service brake recovering energy for storage in the battery
 Mechanical parking brake (cable-operated on rear drum brakes)

STEERING

Mechanical steering with electric power steering fitted as standard

BATTERY

Lithium 72V 180 Ah - C1 - nominal power 13.86 kWh
 Lead Acid 72V 220 Ah - C5 - nominal power 15.8 kWh
 Estimated recharging time: 8 hours

EQUIPMENT

SECURITY

- Key lock: cab, boot and box as standard
- Driver identification and vehicle power-up via RFID badge
- Driver presence sensor
- Belly belt or 3-point belt and passenger seats
- Door protectors with expanded polypropylene shock absorbers
- Authorization command for driving with the bucket raised
- Reversing alarm + pedestrian
- Horn
- Hazard warning lights
- Automatic power off (when driver leaves seat)
- Pre-arrangement for roof equipment (with control from the cab)
- 2-speed front windscreen wipers with washer
- Working light
- Triflash
- AVAS: audible warning system that activates when the speed drops below 20 km/h

VISIBILITY

- LED daytime running lights
- Front lights (high beam, low beam, position and daytime running lights)
- Rear lights (brake, parking, reversing)
- Front, side* and rear* turn signals
- Rear fog lamps* (rear)
- Reflective strips

HOMOLOGATION

- Maga or N1 type road homologation in France. For other countries, please contact us.

CABIN & COMFORT

- 2-seater cabin
- Insulated roof made of expanded polypropylene
- 1 rear window with sliding opening
- Windscreen demisting with 3-speed ventilation
- LED cab light
- Identification and start-up with RFID badge or power key in N1 version
- Adjustable driver and passenger seats
- High back seats
- Power steering as standard
- 12V socket
- Radio with 12V USB socket
- Reversing camera

Optional ACCESSORIES & EQUIPMENT

- 2 side doors with sliding windows
- Three-way tipping with in-cab and remote control:
 - ▶ long tipper
 - ▶ short tipper
 - ▶ top dumpster (available soon)
- Long body with seats (subject to availability)
- Side and rear panels made of aluminium h=38 cm
- Aluminium side and front extensions h=51 cm
- Converter 72VDC 230 V AC - power 2 kW
- Roof bars
- Trailer hitch with socket
- Spare wheel with support
- Single or double 12V LED flashing light
- Front lift (subject to availability)
- Half doors (subject to availability)

CONTROLS

- Foot control: audible pedestrian warning system
- Left-hand dial: controls for lights, indicators and horn
- Right-hand dial: wiper, washer, gear selector, forward/reverse direction selector
- Dashboard controls: ventilation / demisting, steering wheel angle adjustment, hazard lights

> Controls for equipment and accessories:

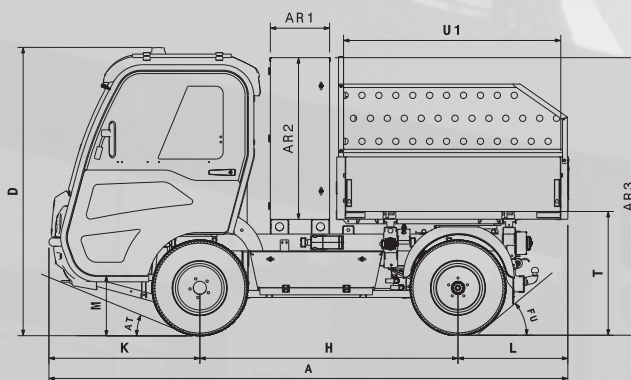
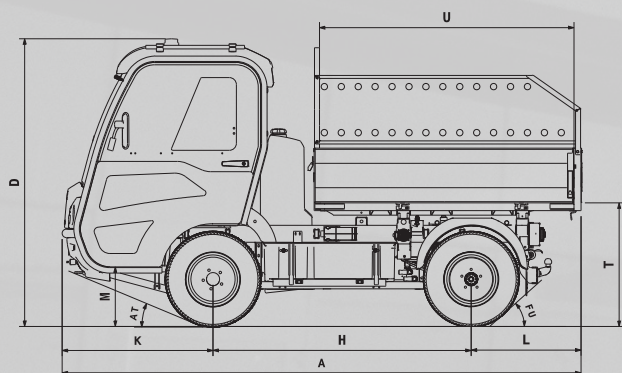
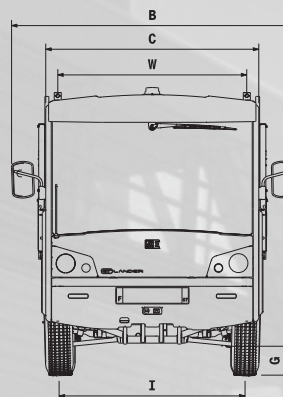
- ▶ Rotating beacon control
- ▶ Working light control
- ▶ Rear fog light control
- ▶ Controls for 12V sockets at the front and rear
- ▶ Tipper lift control
- ▶ Tipper Rolling control
- ▶ Front gear selector (slow / fast)
- ▶ Windscreen demister control
- ▶ Central control panel with membrane keyboard and 4.3 inch LCD display

> Operating information display:

- ▶ Screen navigation
- ▶ Speed
- ▶ Odometer
- ▶ Battery percentage
- ▶ Power consumption
- ▶ Power regeneration
- ▶ Status display in text form (such as de-icing indicator, parking brake indicator, etc.)

*With LED.

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TEMPLATE in mm

	Lead	Lithium
A = Overall length	3713	
B = Overall width	1980	
C = Cabine width	1510	
D = Height	1982	1990
F = Seat height (SRP) SIP	(850) 951	961
G = Transmission height	195	200
H = Wheelbase	1830	
I = Front and rear track width	1315	
K = Front overhang	1070	
L = Rear overhang	813	

	Lead	Lithium
M = Step height	416,3	
T = Loading height	900	933
U = Interior length long tipper	1816	
U1 = Interior length short tipper	1540	
W = Interior length of bucket	1515	
AT = Angle of attack	21°	
FU = Departure angle	42°	45°
AR1 = Outside width of cabinet	420	
AR2 = External cabinet height	1146	
AR3 = Cabinet height	1971	1986

MASSES in kg

Mass lead battery	571
Mass lithium battery	137
Mass with lead battery	1590
Mass with lithium battery	1155
Payload	1000
GVW	2695



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