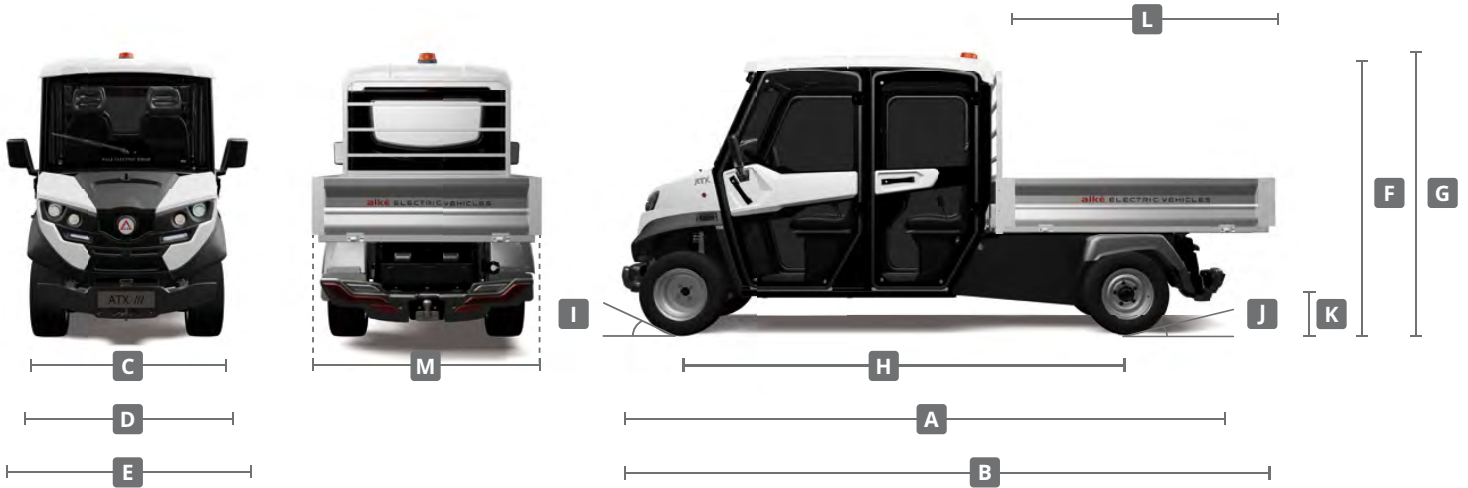




# ATX 330EDH



## ATX 330EDH

### TYPE-APPROVAL | CAB SEATS

|                          |    |       |  |
|--------------------------|----|-------|--|
| EU on-road type-approval | N1 |       |  |
| seats inside the cab     | 4  |       |  |
| right-hand drive         | Δ  | + 0.0 |  |

### PERFORMANCE

|  |                                 |    |  |
|--|---------------------------------|----|--|
| top speed  | [ km/h ]                        | 35 |  |
| maximum negotiable slope (with high-performance batteries) | [ % ]                           | 30 |  |
| maximum autonomy   | Lead-Acid 10 kWh [ km ]         | 64 |  |
|  | Lead-Acid 14.4 kWh [ km ]       | —  |  |
|  | Gel 8.7 kWh [ km ]              | 54 |  |
|  | Gel 13.2 kWh [ km ]             | —  |  |
|  | Lithium (LiFePO4) 10 kWh [ km ] | —  |  |
|  | Lithium (LiFePO4) 20 kWh [ km ] | —  |  |

(The max autonomy value reported is indicative and refers to homologation data collected on WLTP cycle basis (combined circuit) with an configuration Alkè' ATX vehicle with basic flatbed configuration.)

### DIMENSIONS

|  |        |                      |  |
|--|--------|----------------------|--|
| <b>A</b> length (chassis version)  | [ mm ] | 3.980                |  |
| <b>B</b> length (version with cargo bed)                                   | [ mm ] | 4.290 <sup>(1)</sup> |  |
|  |        | 4.490 <sup>(2)</sup> |  |
| <b>C</b> vehicle cab width (without rear-view mirrors)                     | [ mm ] | 1.215                |  |
| <b>D</b> vehicle cab width (with wing mirrors closed)                      | [ mm ] | 1.380                |  |
| <b>E</b> vehicle cab width (with wing mirrors open)                        | [ mm ] | 1.650                |  |
| <b>F</b> cab height (with standard tyres)                                  | [ mm ] | 1.890                |  |
| <b>G</b> vehicle height (with flashing LED on cab roof and standard tyres) | [ mm ] | 1.980                |  |
|  |        | 2.890 <sup>(1)</sup> |  |
|  |        | 2.990 <sup>(2)</sup> |  |
| <b>H</b> wheelbase   | [ mm ] |                      |  |
| <b>I</b> approach angle  | [ ° ]  | 40                   |  |

weight [ kg ]

## ATX 330EDH

weight [ kg ]

|   |        |                      |                      |
|---|--------|----------------------|----------------------|
| <b>J</b> departure angle                | [ ° ]  | 10 <sup>(1)</sup>    | 9 <sup>(2)</sup>     |
| <b>K</b> rear axle distance from ground | [ mm ] | 130                  |                      |
| <b>L</b> maximum loading bed length     | [ mm ] | 1.800 <sup>(1)</sup> | 2.000 <sup>(2)</sup> |
|   |        |                      |                      |
| <b>M</b> maximum loading bed width      | [ mm ] | 1.500                |                      |

### WEIGHTS | CAPACITY AND TOWING

|   |                                 |       |  |
|---|---------------------------------|-------|--|
| UVW   unloaded vehicle weight (chassis version with battery)                | Lead-Acid 10 kWh [ kg ]         | 1.055 |  |
|   | Lead-Acid 14.4 kWh [ kg ]       | —     |  |
|   | Gel 8.7 kWh [ kg ]              | 1.055 |  |
|   | Gel 13.2 kWh [ kg ]             | —     |  |
|   | Lithium (LiFePO4) 10 kWh [ kg ] | —     |  |
|   | Lithium (LiFePO4) 20 kWh [ kg ] | —     |  |
| GVW   gross vehicle weight (max weight for fully-loaded vehicle)            | [ kg ]                          | 2.510 |  |
| GCW   gross combined weight (max weight for fully-loaded vehicle + trailer) | [ kg ]                          | 4.100 |  |
| maximum towing capacity (on road   braked trailer)                          | [ kg ]                          | 2.000 |  |
| maximum traction power  | [ N ]                           | 6.500 |  |
| maximum towing capacity (not on road   braked trailer)                      | [ kg ]                          | 4.000 |  |
| maximum chassis load capacity (= GVW - UVW)                                 | Lead-Acid 10 kWh [ kg ]         | 1.455 |  |
|   | Lead-Acid 14.4 kWh [ kg ]       | —     |  |
|   | Gel 8.7 kWh [ kg ]              | 1.455 |  |
|   | Gel 13.2 kWh [ kg ]             | —     |  |
|   | Lithium (LiFePO4) 10 kWh [ kg ] | —     |  |
|   | Lithium (LiFePO4) 20 kWh [ kg ] | —     |  |



## ATX 330EDH

weight  
[ kg ]

### MOTOR | CONTROLLER

|   |     |       |
|---|-----|-------|
| 48V AC asynchronous induction electric motor    | .   |       |
| maximum motor power [ kW ]                      | 14  |       |
| maximum motor torque [ Nm ]                     | 113 |       |
| CURTIS 48V control electronics                  | .   |       |
| vehicle performance settings (ECO and SPORT)    | .   |       |
| auxiliary cooling system for motor / controller | Δ   | + 2.0 |
| Vehicle Body Computer (VBC)                     | Δ   |       |
| Smart VBC + 3Y data traffic                     | Δ   |       |
| 12M STD   | Δ   |       |
| Cloud Service license                           | Δ   |       |
| 12M PRO   | Δ   |       |
| Cloud Service license                           | Δ   |       |

### TRANSMISSION

|  |   |  |
|--|---|--|
| transmission with electronic speed variation | . |  |
| rear wheel drive                             | . |  |
| heavy duty differential unit                 | . |  |

### SUSPENSIONS

|  |   |  |
|--|---|--|
| front suspension with MacPherson type independent wheels | . |  |
| rear suspension with De-Dion bridge and stabiliser bar   | . |  |

### BRAKES

|   |   |  |
|---|---|--|
| front hydraulic discs brakes and rear hydraulic drum brakes   | . |  |
| rear hydraulic drum brakes with mechanical servobrake         | . |  |
| parking brake   | . |  |
| regenerative brake  | . |  |
| electromagnetic parking brake for ATX with hill-holder system | — |  |

### STEERING

|                               |   |       |
|-------------------------------|---|-------|
| rack and pinion steering      | . |       |
| electric power steering (EPS) | Δ | + 7.0 |

|                                   |        |  |  |
|-----------------------------------|--------|--|--|
| minimum turning radius   internal | [ mm ] | 4.110 <sup>(1)</sup><br>4.130 <sup>(2)</sup> |  |
|-----------------------------------|--------|--|--|

### BODY | CHASSIS

|   |   |       |
|---|---|-------|
| white body  | . |       |
| customised body colour  | Δ | + 0.0 |
| steel chassis with anti-corrosion treatment and powder coating finish | . |       |
| impact-resistant polyethylene front and rear bumpers                  | . |       |

### SAFETY

|   |   |  |
|---|---|--|
| 3-point seat belt for driver and passenger(s)         | . |  |
| immobilizer and presence sensor on driver's seat      | . |  |
| steering lock with key                                | . |  |
| horn / reverse buzzer                                 | . |  |
| rear view camera with LCD rear view monitor           | Δ |  |
| forward gear buzzer activable from dashboard          | Δ |  |
| safety switch inside the cab for 48 V drive battery   | . |  |
| safety switch inside the cab for 12 V service battery | . |  |
| tyre repair kit                                       | . |  |

### LIGHTS

|  |   |       |
|--|---|-------|
| front and rear lights in road style    | . |       |
| full LED rear lights                   | . |       |
| rear fog light and LED reversing light | . |       |
| LED DRL lights                         | . |       |
| orange flashing LED on cab roof        | Δ | + 2.0 |
| blue flashing LED on cab roof          | Δ | + 2.0 |

### CAB | COMFORT

|  |   |        |
|--|---|--------|
| timed heated windshield                                  | . |        |
| electric demister  | Δ | +7     |
| Webasto heating (as an alternative to electric demister) | Δ | + 13.0 |
| air-conditioning   | Δ | + 25.0 |
| adjustable seats   | . |        |

## ATX 330EDH

weight  
[ kg ]

|  |   |        |
|--|---|--------|
| front doors  | . |        |
| front doors with sliding windows                       | Δ | + 0.0  |
| rear doors   | . |        |
| armrests   | Δ | + 3.5  |
| headrests  | . |        |
| rear seat bench  | ! | + 22.0 |
| cab interior lighting                                  | . |        |
| sun visors   | Δ |        |
| rear-view camera with internal LCD color monitor       | Δ |        |
| car audio system AM/FM/DAB/DAB+ with USB and Bluetooth | Δ |        |
| rear speakers for 4-seats models                       | Δ |        |
| openable front windshield                              | . |        |
| central door locks with remote control                 | Δ |        |
| windscreen wiper with windscreen washer                | . |        |

### DASHBOARD

|   |   |  |
|---|---|--|
| ECO / SPORT selector                                      | . |  |
| 12V 10A socket  | . |  |
| additional 48V-80Ah plug with switch control on dashboard | . |  |
| speedometer (km / mph)                                    | . |  |
| hour meter  | . |  |

|            |                         |                  |                               |   |
|------------|-------------------------|------------------|-------------------------------|---|
| indicators | battery state of charge | battery capacity | motor temperature             | . |
|            | inverter temperature    | inverter errors  | current delivered by inverter | . |

|                              |   |
|------------------------------|---|
| dashboard LCD colour display | . |
|------------------------------|---|

|            |            |                    |   |
|------------|------------|--------------------|---|
| indicators | doors lock | brake oil shortage | . |
|------------|------------|--------------------|---|

|                  |                   |             |   |
|------------------|-------------------|-------------|---|
| lifted cargo bed | heated windshield | side lights | . |
|------------------|-------------------|-------------|---|

|                     |            |                |   |
|---------------------|------------|----------------|---|
| low beam headlights | headlights | rear fog light | . |
|---------------------|------------|----------------|---|

|                   |     |                       |   |
|-------------------|-----|-----------------------|---|
| electric demister | EPS | Webasto fuel shortage | . |
|-------------------|-----|-----------------------|---|

|              |                          |                            |   |
|--------------|--------------------------|----------------------------|---|
| beacon light | battery on charge status | electric motor overheating | . |
|--------------|--------------------------|----------------------------|---|

|              |               |              |   |
|--------------|---------------|--------------|---|
| forward gear | backward gear | neutral gear | . |
|--------------|---------------|--------------|---|

|                  |       |       |   |
|------------------|-------|-------|---|
| emergency lights | aux 1 | aux 2 | . |
|------------------|-------|-------|---|

### BATTERY

|                        | type              | capacity |                  |
|------------------------|-------------------|----------|------------------|
| type                   | Lead-Acid         | 14.4 kWh | .                |
|                        | Lead-Acid         | 14.4 kWh | —                |
|                        | Gel               | 8.7 kWh  | Δ                |
|                        | Gel               | 13.2 kWh | —                |
|                        | Lithium (LiFePO4) | 10 kWh   | —                |
|                        | Lithium (LiFePO4) | 20 kWh   | —                |
|                        | Lead-Acid         | 10 kWh   | 8x6V             |
|                        | Lead-Acid         | 14.4 kWh | —                |
|                        | Gel               | 8.7 kWh  | 8x6V             |
|                        | Gel               | 13.2 kWh | —                |
| number of batteries    | Lithium (LiFePO4) | 10 kWh   | —                |
|                        | Lithium (LiFePO4) | 20 kWh   | —                |
|                        | Lead-Acid         | 10 kWh   | 8x6V             |
|                        | Lead-Acid         | 14.4 kWh | —                |
|                        | Gel               | 8.7 kWh  | 8x6V             |
|                        | Gel               | 13.2 kWh | —                |
|                        | Lithium (LiFePO4) | 10 kWh   | —                |
|                        | Lithium (LiFePO4) | 20 kWh   | —                |
|                        | Lead-Acid         | 10 kWh   | [ cycles ] 1.200 |
|                        | Lead-Acid         | 14.4 kWh | [ cycles ] —     |
| estimated battery life | Gel               | 8.7 kWh  | [ cycles ] 700   |
|                        | Gel               | 13.2 kWh | [ cycles ] —     |
|                        | Lithium (LiFePO4) | 10 kWh   | [ cycles ] —     |
|                        | Lithium (LiFePO4) | 20 kWh   | [ cycles ] —     |
|                        | Lithium (LiFePO4) | 10 kWh   | [ cycles ] —     |
|                        | Lithium (LiFePO4) | 20 kWh   | [ cycles ] —     |



## ATX 330EDH

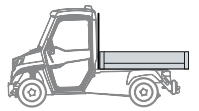
|  |  |     | weight<br>[ kg ]     |
|--|--|-----|----------------------|
| estimated battery charge time          | Lead-Acid 10 kWh [ hours ]                           | 8   |                      |
|  | Lead-Acid 14.4 kWh [ hours ]                         | —   |                      |
|  | Gel 8.7 kWh [ hours ]                                | 11  |                      |
|  | Gel 13.2 kWh [ hours ]                               | —   |                      |
|  | Lithium (LiFePO4) 10 kWh [ hours ]                   | —   |                      |
|  | Lithium (LiFePO4) 20 kWh [ hours ]                   | —   |                      |
|  | Lithium (LiFePO4) 10 kWh with quick charge [ hours ] | —   |                      |
|  | Lithium (LiFePO4) 20 kWh with quick charge [ hours ] | —   |                      |
| consumption for complete recharge      | Lead-Acid 10 kWh [ kWh ]                             | 9   |                      |
|  | Lead-Acid 14.4 kWh [ kWh ]                           | —   |                      |
|  | Gel 8.7 kWh [ kWh ]                                  | 7.5 |                      |
|  | Gel 13.2 kWh [ kWh ]                                 | —   |                      |
|  | Lithium (LiFePO4) 10 kWh [ kWh ]                     | —   |                      |
|  | Lithium (LiFePO4) 20 kWh [ kWh ]                     | —   |                      |
| 12 V services auxiliary battery        |  | .   |                      |
| battery charge on vehicle (PFC active) | (power supply 230V 16A 50-60Hz)                      | .   |                      |
|  | (power supply 380V 16A 50-60Hz)                      | —   | +15.0 <sup>(E)</sup> |
| battery swap system                    | Lead-Acid 14.4 kWh                                   | —   |                      |
|  | Gel 13.2 kWh   | —   |                      |
| battery top-up                         | Lead-Acid 10 kWh                                     | Δ   | + 0.0                |
|  | Lead-Acid 14.4 kWh                                   | Δ   | + 0.0                |

### CONFIGURATIONS AND CARGO AREA ACCESSORIES

|  |                       |                  |         |
|--|-----------------------|------------------|---------|
| dropside body with manual tipping (aluminium drop sides H30 cm)      | 130 x 123 cm          | —                | + 105.0 |
|  | 180 x 123 cm          | Δ <sup>(1)</sup> | + 130.0 |
|  | 200 x 140 cm          | Δ <sup>(2)</sup> | + 160.0 |
|  | 250 x 140 cm          | —                | + 180.0 |
| pair of side toolboxes   |                       | —                | + 20.0  |
| mesh sides extension H55 cm with rear drop side with upwards opening | for body 130 x 123 cm | —                | + 25.0  |
|  | for body 180 x 123 cm | Δ <sup>(1)</sup> | + 29.0  |
|  | for body 200 x 140 cm | Δ <sup>(2)</sup> | + 30.0  |
|  | for body 250 x 140 cm | —                | + 40.0  |
| COMBI mesh sides extension H55 cm 150 x 123 cm with rear drop side   |                       | Δ <sup>(2)</sup> | + 30.0  |
| electro-hydraulic tipping for dropside body unit                     | for body 130 x 123 cm | —                | + 14.0  |
|  | for body 150 x 123 cm | Δ <sup>(2)</sup> |         |
|  | for body 180 x 123 cm | Δ <sup>(1)</sup> | + 15.0  |
|  | for body 200 x 140 cm | Δ <sup>(2)</sup> | + 15.0  |
|  | for body 250 x 140 cm | —                | + 20.0  |
| dropside body 180 x 123 cm with three side hydraulic tipping         |                       | Δ <sup>(1)</sup> | + 190.0 |

## ATX 330EDH

|   |                       |                  | weight<br>[ kg ] |
|---|-----------------------|------------------|------------------|
| tarpaulin body H108 cm openable on three sides for dropside body  | for body 130 x 123 cm | —                | + 25.0           |
|   | for body 180 x 123 cm | Δ <sup>(1)</sup> | + 30.0           |
|   | for body 200 x 140 cm | Δ <sup>(2)</sup> | + 35.0           |
|   | for body 250 x 140 cm | —                | + 40.0           |
| tarpaulin body H110 cm for COMBI 150 x 123 cm dropside body   |                       | Δ <sup>(2)</sup> | + 35.0           |
| removable rear seats kit with two independent seats, platform and 2-points seat belts   |                       | !                | + 45.0           |
| tarpaulin roof H105 for rear seats kit  |                       | Δ <sup>(1)</sup> | + 30.0           |
| ladder rack for 124 cm wide body  |                       | Δ <sup>(1)</sup> | + 4.0            |
| ladder rack for 140 cm wide body  |                       | Δ <sup>(2)</sup> | + 5.0            |
| ambulance body equipped with spine board and box/seat for medical staff   |                       | ! <sup>(1)</sup> | + 75.0           |
| roof for ambulance body   |                       | Δ <sup>(1)</sup> | + 20.0           |
| box van body with side roller shutters H132 cm 180 x 125 cm   |                       | Δ <sup>(1)</sup> | + 150.0          |
| box van body with side roller shutters H132 cm 200 x 140 cm   |                       | Δ <sup>(2)</sup> | + 180.0          |
| 2 shelves for box van body with side roller shutters  | 180x123 cm            | Δ <sup>(1)</sup> | + 8.0            |
|   | 200x140 cm            | Δ <sup>(2)</sup> | + 12.0           |
| dropside body 150 x 123 cm COMBI  |                       | Δ <sup>(2)</sup> | + 140.0          |
| COMBI storage box 45 x 125 cm H110 cm with 2 doors on sides, locks and internal shelf installed in the front part of the cargo area just behind the cabin |                       | Δ <sup>(2)</sup> | + 50.0           |
| watering unit with 600 L tank   |                       | —                | + 140.0          |
| COMBI high pressure cleaner with 210 L tank and 20 m hose   |                       | —                | + 70.0           |
| high pressure cleaner with 600L tank and 20 m hose  |                       | —                | + 150.0          |
| fire-fighting module with 600 L tank and 50 m hose  |                       | —                | + 130.0          |
| load lashing eyes on loading bed  |                       | Δ                |                  |
| tail lift and dropside body 200 x 140 cm H30 cm with mesh sides extension H55 cm  |                       | —                | + 370.0          |
| tail lift and box van body 200 x 140 cm   |                       | —                | + 390.0          |
| isothermal body H120 cm   | 180 x 123 cm          | Δ <sup>(1)</sup> | + 120.0          |
| isothermal body H130 cm   | 200 x 140 cm          | Δ <sup>(2)</sup> | + 140.0          |
| refrigerated body 0 +4 °C with side and rear door   | 180 x 123 cm          | Δ <sup>(1)</sup> | + 220.0          |
|   | 200 x 140 cm          | Δ <sup>(2)</sup> | + 250.0          |
| COMBI waste collection body (1.7 m³ version)  |                       | Δ <sup>(2)</sup> | + 180.0          |
| waste collection body 2.2m³   |                       | Δ <sup>(1)</sup> | + 200.0          |
| waste collection body with bin lift system 2.2m³  |                       | Δ <sup>(1)</sup> | + 280.0          |
| waste collection body 2.8m³   |                       | Δ <sup>(2)</sup> | + 240.0          |
| waste collection body with bin lift system 2.8m³  |                       | Δ <sup>(2)</sup> | + 320.0          |
| waste collection body 3.5m³   |                       | —                | + 280.0          |
| waste collection body with bin lift system 3.5m³  |                       | —                | + 360.0          |
| tarp system for waste collection body   |                       | Δ <sup>(1)</sup> | + 15.0           |
| broom and dustpan holder kit  |                       | Δ                | + 8.0            |
| hydraulic crane coupled with 150x124 cm H30 cm dropside body  |                       | —                | + 400.0          |
| semi-trailer coupling system fitting DIN Ø40 drawbar eyes   |                       | —                | + 60.0           |



## ATX 330EDH

weight  
[ kg ]

|  |   |                      |
|--|---|----------------------|
| reverse inching device for easy trailers coupling                            | Δ | + 4.0                |
| semi-trailer coupling system with fifth wheel fitting 2" kingpins            | — | + 100.0              |
| <b>FRONT / REAR ACCESSORIES</b>  |   |                      |
| front pin tow hitch  | • |                      |
| rear ball tow hitch  | • |                      |
| rear trailer hitch with ball & pin coupling (instead of standard ball hitch) | Δ | + 3.5                |
| automatic tow hitch fitting DIN Ø40  | Δ | + 15.0               |
| front protective bumper  | • |                      |
| rear 13 pin connector  | • |                      |
| snow plough hydraulic kit  | Δ | + 10.0               |
| snow plough  | ! | + 82.0               |
| electric salt spreader   | Δ | + 50.0               |
| anti-roll kit  | — | + 5.0                |
| rear hydraulic kit   | Δ | + 4.0                |
| <b>TYRES</b>   |   |                      |
| Road tyres (front and rear 175/65 R14)                                       | — |                      |
| Road tyres (front and rear 175/70 R14)                                       | — |                      |
| Road tyres (front and rear 175/75 R14)                                       | • |                      |
| low-profile Road tyres (front and rear 225/55 R12)                           | • |                      |
| Turf tyres (front and rear 23x8.50-12 6PR)                                   | — |                      |
| Turf tyres (front 23x8.50-12 6PR and rear 23x10.50-12 8PR)                   | ! |                      |
| Off-road tyres (front and rear 23x8.50-12 6PR)                               | — |                      |
| Off-road tyres (front 23x8.50-12 6PR and rear 23x10.50-12 8PR)               | ! |                      |
| tyres puncture protection treatment  | Δ |                      |
| spare wheel (provided separately)  | Δ | +18.0 <sup>(E)</sup> |



### NOTE

**Top speed:** approximate, obtained on a flat surface in optimum usage conditions and in SPORT mode. **Maximum negotiable slope:** approximate and assessed with vehicle empty in ideal usage conditions on discontinuous ramps. **Maximum autonomy:** the max autonomy value reported is indicative and refers to homologation data collected on WLTP cycle basis (combined circuit) with an configuration Alke' ATX vehicle with basic flatbed configuration. **Estimated battery lifespan:** approximate figure, based on the information in the manufacturer's possession at the time this file was published. **Maximum towing capacity:** calculated in optimum usage conditions, the trailers must have repulsion brakes and comply with the law. Maximum vertical weight on the tow hitch: 120kg. **The technical specifications indicated in this catalogue** (performance, autonomy, dimensions, etc.) depend - or may depend - on temperature, terrain, driving style, accessories, load or use of the vehicle. The data usually refers to use on a flat surface in optimum usage conditions - i.e. a basic vehicle version with no load and with the lightest battery, on an even and paved road surface with an outdoor temperature of 25°C, the battery fully charged, on board electronic devices switched off, and without any other accessory consumption. **The technical specifications, design and performance levels indicated in this technical data sheet are by way of example only and may be subject to modifications without prior notice.**



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