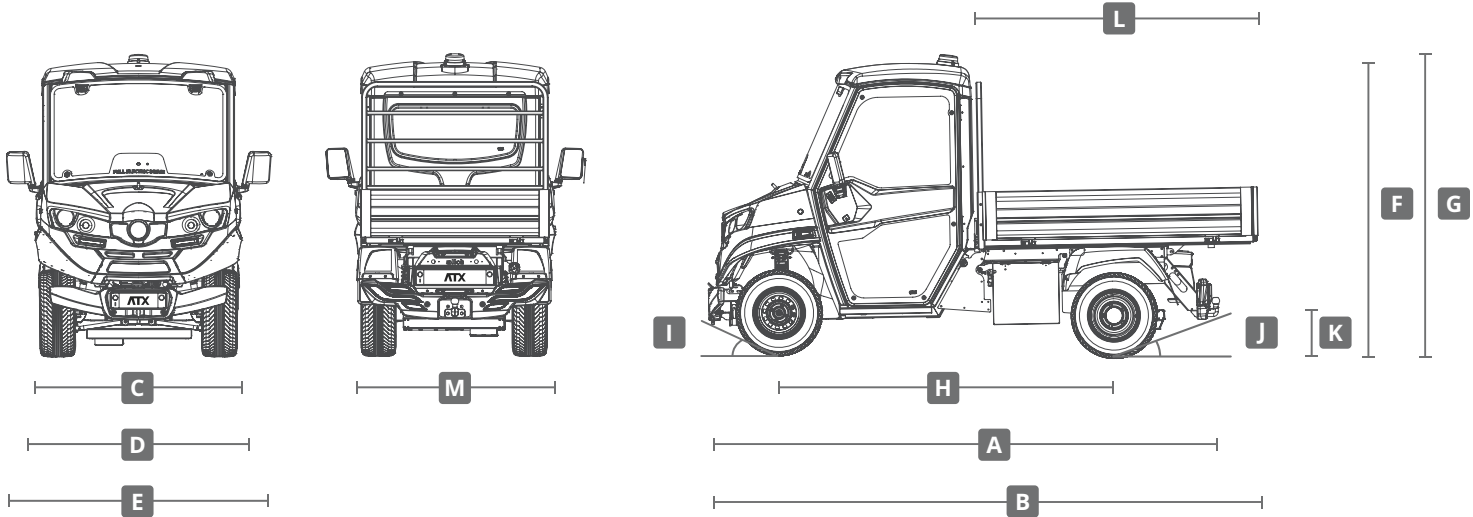




**ATX 340EX**  
EXPLOSION PROOF VEHICLES



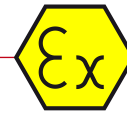
**certifications available**

**for EUROPE, ASIA, MIDDLE EAST**  
in conformity with ATEX 2014/34/EU  
3G IIB T3 · 3D IIB T3  
2G IIB T3 · 2D IIB T3  
M2 T150°C

**for NORTH AMERICA**  
in conformity with UL 583, Directive NEC 505  
Class I Division 2  
Class II Division 2  
Class I Division 1  
Class II Division 1

**for AUSTRALIA**  
2G IIB T3 in conformity with  
ATEX 2014/34/EU delivered with  
CAD certificate for each vehicle plus an  
overall specific ATEX certificate

		340EX	weight [kg]		340EX	weight [kg]
<b>CAB SEATS</b>						
seats inside the cab		2		maximum towing capacity (braked trailer)	[ kg ]	4.500
<b>PERFORMANCE</b>						
top speed	[ km/h ]	35		maximum chassis load capacity	Lead-Acid 1 4.4 kWh [ kg ]	1.205
maximum negotiable slope (with high-performance batteries)	[ % ]	20 (25 empty)			Gel 13.2 kWh [ kg ]	1.205
maximum autonomy	Lead-Acid 14.4 kWh [ km ]	100		<b>MOTOR   CONTROLLER</b>		
	Gel 13.2 kWh [ km ]	90		48V AC asynchronous induction electric motor		.
<b>DIMENSIONS</b>						
A length (chassis version)	[ mm ]	3.220		maximum motor power	[ kW ]	14
B length (version with cargo bed)	[ mm ]	3.530		maximum motor torque	[ Nm ]	113
C vehicle cab width (without rear-view mirrors)	[ mm ]	1.270		CURTIS 48V control electronics		.
D vehicle cab width (with wing mirrors closed)	[ mm ]	1.320		vehicle performance settings (ECO and SPORT)		.
E vehicle cab width (with wing mirrors open)	[ mm ]	1.570		<b>TRANSMISSION</b>		
F cab height (with standard tyres)	[ mm ]	1.850		transmission with electronic speed variation		.
G vehicle height with beacon light (with standard tyres)	[ mm ]	1.940		rear wheel drive		.
H wheelbase	[ mm ]	2.130		heavy duty differential unit		.
I approach angle	[ ° ]	40		<b>SUSPENSIONS</b>		
J departure angle	[ ° ]	12		front suspension with MacPherson type independent wheels		.
K rear axle distance from ground	[ mm ]	130		rear suspension with De-Dion bridge and stabiliser bar		.
L maximum loading bed length	[ mm ]	1.800		<b>BRAKES</b>		
M maximum loading bed width	[ mm ]	1.500		front hydraulic discs brakes and rear hydraulic drum brakes		.
standard dropside box dimensions	length x width [ mm ]	1.800 x 1.240		rear hydraulic drum brakes with mechanical servobrake		.
<b>WEIGHTS   CAPACITY AND TOWING</b>						
UWW   unloaded vehicle weight (chassis version with battery)	Lead-Acid 14.4 kWh [ kg ]	1.305		parking brake		.
	Gel 13.2 kWh [ kg ]	1.305		regenerative brake		.
maximum traction power	[ N ]	6.500		<b>STEERING</b>		
				rack and pinion steering		.
				minimum turning radius   internal	[ mm ]	2.600



	340EX	weight [kg]
<b>BODY   CHASSIS</b>		
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	•	
<b>SAFETY</b>		
3-point seat belt for driver and passenger(s)	•	
presence sensor on driver's seat	•	
horn / reverse buzzer	•	
safety switch inside the cab for 48 V drive battery	•	
tyre repair kit	•	
<b>LIGHTS</b>		
front and rear lights in road style	•	
full LED rear lights	•	
orange flashing LED on cab roof	Δ	+ 2.0
<b>CAB   COMFORT</b>		
electric demister	Δ	+ 7.0
adjustable seats	•	
front doors	Δ	
front doors with sliding windows	Δ	+ 0.0
rear doors	—	
armrests	•	+ 3.5
headrests	•	
openable front windscreen	•	
manual windscreen wiper	•	
<b>DASHBOARD</b>		
ECO / SPORT selector	•	
speedometer (km / mph)	•	
hour meter	•	
indicators	•	
	battery state of charge	battery capacity
	motor temperature	inverter temperature
	inverter errors	current delivered by inverter
warning lights	indicators	parking brake
		brake oil shortage
		low beam headlights
		electric motor overheating
<b>BATTERY</b>		
type	Lead-Acid 14.4 kWh	•
	Gel 13.2 kWh	Δ
number of batteries	Lead-Acid 14.4 kWh	24x2V
	Gel 13.2 kWh	24x2V
estimated battery life	Lead-Acid 14.4 kWh [cycles]	1.500
	Gel 13.2 kWh [cycles]	1.200
estimated battery charge time	Lead-Acid 14.4 kWh [hours]	8
	Gel 13.2 kWh [hours]	11
consumption for complete recharge	Lead-Acid 14.4 kWh [kWh]	13
	Gel 13.2 kWh [kWh]	12
battery charge on vehicle's external (PFC active)	(power supply 230V 16A 50-60Hz)	•
battery swap system	Lead-Acid 14.4 kWh	•
	Gel 13.2 kWh	•
battery top-up	Lead-Acid 14.4 kWh	+ 0.0

• as standard Δ optional — not compatible

	340EX	weight [kg]
<b>CONFIGURATIONS AND CARGO AREA ACCESSORIES</b>		
dropside body with manual tipping (aluminium drop sides H30 cm)	180 x 123 cm	• + 130.0
flatbed for special configurations	180 x 123 cm	Δ + 90.0
mesh sides extension H55 cm with rear drop side with upwards opening	180 x 123 cm for body	Δ + 29.0
tarpaulin body H108 cm openable on three sides for dropside body	180 x 123 cm for body	Δ + 30.0
custom colour for tarpaulin body		Δ + 0.0
removable rear seats kit with two independent seats, platform and 2-points seat belts		Δ + 45.0
tarpaulin roof H105 for rear seats kit		Δ + 30.0
ambulance body equipped with spine board and box/seat for medical staff		Δ + 75.0
roof for ambulance body		Δ + 20.0
box van body H122 cm 180 x 125 cm with sliding doors (2 per side)		Δ + 130.0
set 2 shelves for box van body with sliding doors (each shelf covers half of the depth)	180 x 125 cm	Δ + 8.0
<b>FRONT / REAR ACCESSORIES</b>		
front pin tow hitch		•
rear ball tow hitch		•
front protective bumper		•
<b>TYRES</b>		
low-profile road tyres (front and rear 255/55 R 12) or road tyres (front and rear 175/70 R14)		•
spare wheel (provided separately)		Δ (ext.) +18.0

**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:** approximate and obtained on a flat surface, in optimum usage conditions, with ECO mode and energy saver and adopting a correct driving style, at a speed no higher than 60% of the maximum speed, for non-continuous use (battery discharged in 5 hours). **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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ISO 14001:2015 - BN17607/17302  
OHSAS 18001:2007 - BN17607/17303

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