

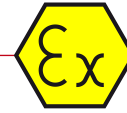
certifications available

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

		340EDX	weight [kg]			340EDX	weight [kg]
CAB SEATS							
seats inside the cab		4		maximum towing capacity (braked trailer)	[kg]	4,000	
PERFORMANCE							
top speed	[km/h]	35		maximum chassis load capacity	Lead-Acid 1 4.4 kWh [kg]	1,085	
maximum negotiable slope (with high-performance batteries)	[%]	20 (25 empty)			Gel 13.2 kWh [kg]	1,085	
maximum autonomy	Lead-Acid 14.4 kWh [km]	95		MOTOR CONTROLLER			
	Gel 13.2 kWh [km]	85		48V AC asynchronous induction electric motor		.	
DIMENSIONS							
A length (chassis version)	[mm]	3,980		maximum motor power	[kW]	14	
B length (version with cargo bed)	[mm]	4,290		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		TRANSMISSION			
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]	2,890		heavy duty differential unit		.	
I approach angle	[°]	40		SUSPENSIONS			
J departure angle	[°]	9		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		BRAKES			
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		.	
WEIGHTS CAPACITY AND TOWING							
UWW unloaded vehicle weight (chassis version with battery)	Lead-Acid 14.4 kWh [kg]	1,425		parking brake		.	
	Gel 13.2 kWh [kg]	1,425		regenerative brake		.	
maximum traction power	[N]	6,500		STEERING			
				rack and pinion steering		.	
				minimum turning radius internal	[mm]	4,110	



	340EDX	weight [kg]
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)	•	
presence sensor on driver's seat	•	
horn / reverse buzzer	•	
safety switch inside the cab for 48 V drive battery	•	
tyre repair kit	•	
LIGHTS		
front and rear lights in road style	•	
full LED rear lights	•	
orange flashing LED on cab roof	Δ	+ 2.0
CAB COMFORT		
electric demister	Δ	+ 7.0
adjustable seats	•	
front doors	Δ	
front doors with sliding windows	Δ	+ 0.0
rear doors	Δ	
armrests	•	+ 3.5
headrests	•	
openable front windscreen	•	
manual windscreen wiper	•	
DASHBOARD		
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
BATTERY		
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

	340EDX	weight [kg]
CONFIGURATIONS AND CARGO AREA ACCESSORIES		
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
FRONT / REAR ACCESSORIES		
front pin tow hitch		•
rear ball tow hitch		•
front protective bumper		•
TYRES		
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.



Via Cile, 5
35127 Padua | Italy



+39 049 761208



info@alke.com

WWW

www.alke.com



© 2018 Alkè

Rev. 181112



ISO 9001:2015 - BN17607/17301
ISO 14001:2015 - BN17607/17302
OHSAS 18001:2007 - BN17607/17303

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.