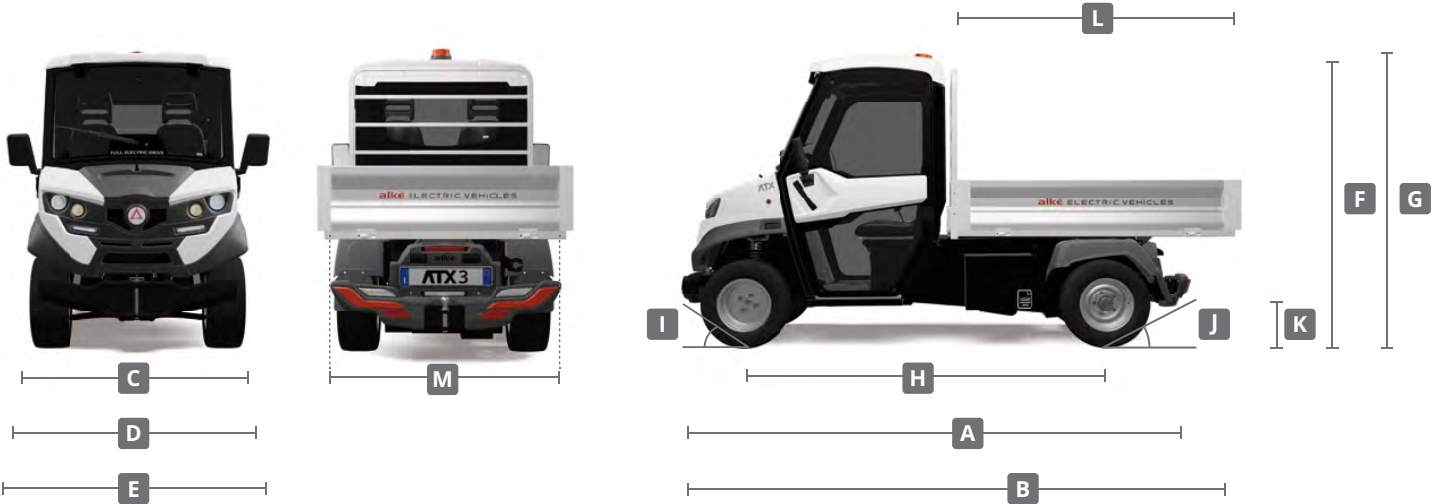




DR1

**alkè**  
ELECTRIC VEHICLES

# ATX 340EH



## ATX340EH

### TYPE-APPROVAL | CAB SEATS

EU on-road type-approval	N1		
seats inside the cab	2		
right-hand drive	Δ	+ 0.0	

### PERFORMANCE

top speed	[ km/h ]	35	
maximum negotiable slope (with high-performance batteries)	[ % ]	35	
maximum autonomy	Lead-Acid 10 kWh [ km ]		
(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.)	Lead-Acid 14.4 kWh [ km ]	111	
	Gel 8.7 kWh [ km ]		
	Gel 13.2 kWh [ km ]	94	
	Lithium (LiFePO4) 10 kWh [ km ]	85	
	Lithium (LiFePO4) 20 kWh [ km ]	190	

### DIMENSIONS

A	length (chassis version)	[ mm ]	3,220 <sup>(1)(2)</sup> 3,720 <sup>(3)</sup>
B	length (version with cargo bed)	[ mm ]	3,530 <sup>(1)</sup> 3,730 <sup>(2)</sup> 4,230 <sup>(3)</sup>
C	vehicle cab width (without rear-view mirrors)	[ mm ]	1,215
D	vehicle cab width (with wing mirrors closed)	[ mm ]	1,380
E	vehicle cab width (with wing mirrors open)	[ mm ]	1,650
F	cab height (with standard tyres)	[ mm ]	1,890
G	vehicle height with beacon light (with standard tyres)	[ mm ]	1,980
H	wheelbase	[ mm ]	2,130 <sup>(1)</sup> 2,230 <sup>(2)</sup> 2,630 <sup>(3)</sup>
I	approach angle	[ ° ]	40
J	departure angle	[ ° ]	12 <sup>(1)</sup> 10 <sup>(2)(3)</sup>

weight [ kg ]

K	rear axle distance from ground	[ mm ]	130
L	maximum loading bed length	[ mm ]	1,800 <sup>(1)</sup> 2,000 <sup>(2)</sup> 2,500 <sup>(3)</sup>
M	maximum loading bed width	[ mm ]	1,500

### WEIGHTS | CAPACITY AND TOWING

UUV   unloaded vehicle weight (chassis version with battery)	Lead-Acid 10 kWh [ kg ]		
	Lead-Acid 14.4 kWh [ kg ]	1,175 <sup>(1)(2)</sup> 1,370 <sup>(3)</sup>	
	Gel 8.7 kWh [ kg ]		
	Gel 13.2 kWh [ kg ]	1,175	
	Lithium (LiFePO4) 10 kWh [ kg ]	880 <sup>(1)(2)</sup> 1,030 <sup>(3)</sup>	
	Lithium (LiFePO4) 20 kWh [ kg ]	970 <sup>(1)(2)</sup> 1,120 <sup>(3)</sup>	
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 ]	4,500	
maximum chassis load capacity (= GVW - UUV)	Lead-Acid 10 kWh [ kg ]		
	Lead-Acid 14.4 kWh [ kg ]	1,335 <sup>(1)(2)</sup> 1,140 <sup>(3)</sup>	
	Gel 8.7 kWh [ kg ]		
	Gel 13.2 kWh [ kg ]	1,335 <sup>(1)(2)</sup>	
	Lithium (LiFePO4) 10 kWh [ kg ]	1,630 <sup>(1)(2)</sup> 1,480 <sup>(3)</sup>	
	Lithium (LiFePO4) 20 kWh [ kg ]	1,540 <sup>(1)(2)</sup> 1,390 <sup>(3)</sup>	



## ATX 340EH

weight [kg]

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		
12M STD Cloud Service license	Δ		
12M PRO 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	.		

### STEERING

rack and pinion steering	.		
electric power steering (EPS)	Δ		+ 7.0
minimum turning radius   internal	[ mm ]	2,600 <sup>(1)</sup> 2,620 <sup>(2)</sup> 4,100 <sup>(3)</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	.		
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	.		
openable front windscreen	.		
central door locks with remote control	Δ		
windscreen wiper with windscreen washer	.		

### DASHBOARD

ECO / SPORT selector	.		
12V 10A socket	.		
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	.		
warning lights	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 10 kWh		
	Lead-Acid 14.4 kWh	.	
	Gel 8.7 kWh		
	Gel 13.2 kWh	Δ	
	Lithium (LiFePO4) 10 kWh	Δ	
	Lithium (LiFePO4) 20 kWh	Δ	
number of batteries	Lead-Acid 10 kWh		
	Lead-Acid 14.4 kWh	24x2V	
	Gel 8.7 kWh		
	Gel 13.2 kWh	24x2V	
	Lithium (LiFePO4) 10 kWh	1x48V	
	Lithium (LiFePO4) 20 kWh	1x48V	



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			weight [kg]
estimated battery life	Lead-Acid 10 kWh [cycles]		
	Lead-Acid 14.4 kWh [cycles]	1.500	
	Gel 8.7 kWh [cycles]		
	Gel 13.2 kWh [cycles]	1.200	
	Lithium (LiFePO4) 10 kWh [cycles]	2.000	
	Lithium (LiFePO4) 20 kWh [cycles]	2.000	
estimated battery charge time	Lead-Acid 10 kWh [hours]		
	Lead-Acid 14.4 kWh [hours]	8	
	Gel 8.7 kWh [hours]		
	Gel 13.2 kWh [hours]	11	
	Lithium (LiFePO4) 10 kWh [hours]	3.5	
	Lithium (LiFePO4) 20 kWh [hours]	6.5	
	Lithium (LiFePO4) 10 kWh with quick charge [hours]	1.5	
	Lithium (LiFePO4) 20 kWh with quick charge [hours]	2.6	
consumption for complete recharge	Lead-Acid 10 kWh [kWh]		
	Lead-Acid 14.4 kWh [kWh]	13	
	Gel 8.7 kWh [kWh]		
	Gel 13.2 kWh [kWh]	12	
	Lithium (LiFePO4) 10 kWh [kWh]	9	
	Lithium (LiFePO4) 20 kWh [kWh]	18.5	
12 V services auxiliary battery		.	
battery charge on vehicle (PFC active)	(power supply 230V 16A 50-60Hz)	.	
external quick battery charge (Lithium only)	(power supply 380V 16A 50-60Hz)	Δ	(ext.) +15.0
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	Δ <sup>(3)</sup>	+ 180.0
pair of side toolboxes		Δ <sup>(3)</sup>	+ 20.0

			weight [kg]
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	Δ <sup>(3)</sup>	+ 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	Δ <sup>(3)</sup>	+ 20.0
	dropside body 180 x 123 cm with three side hydraulic tipping		Δ <sup>(1)</sup>
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	Δ <sup>(3)</sup>	+ 40.0
	custom colour for tarpaulin body		Δ
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
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
	set 2 shelves for box van body with sliding doors (each shelf covers half of the depth)	180 x 123 cm	Δ <sup>(1)</sup>
	200 x 140 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		Δ <sup>(2)</sup>	+ 50.0
watering unit with 600 L tank		Δ	+ 140.0
COMBI high pressure cleaner with 210 L tank and 20 m hose		Δ	+ 70.0
high pressure cleaner with 600L tank and 20 m hose		Δ	+ 150.0
load lashing eyes on loading bed		Δ	
tail lift and dropside body 200 x 140 cm H30 cm with mesh sides extension H55 cm		Δ <sup>(2)</sup>	+ 370.0
		Δ <sup>(2)</sup>	+ 390.0
tail lift and box van body 200 x 140 cm		Δ <sup>(2)</sup>	+ 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 124 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>	
waste collection body 2.2m <sup>3</sup>		Δ <sup>(1)</sup>	+ 200.0
waste collection body with bin lift system 2.2m <sup>3</sup>		Δ <sup>(1)</sup>	+ 280.0
waste collection body 2.8m <sup>3</sup>		Δ <sup>(2)</sup>	+ 240.0
waste collection body with bin lift system 2.8m <sup>3</sup>		Δ <sup>(2)</sup>	+ 320.0
waste collection body 3.5m <sup>3</sup>		Δ <sup>(3)</sup>	+ 280.0



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weight [kg]

waste collection body with bin lift system 3.5m <sup>3</sup>	Δ <sup>(2)</sup>	+ 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	Δ <sup>(2)</sup>	+ 400.0
semi-trailer coupling system fitting DIN Ø40 drawbar eyes	Δ	+ 60.0
reverse inching device for easy trailers coupling	Δ	+ 4.0
semi-trailer coupling system with fifth wheel fitting 2" kingpins	Δ	+ 100.0

### FRONT / REAR ACCESSORIES

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	•	
show plough hydraulic kit	Δ	+ 10.0
snow plough	!	+ 82.0
electric salt spreader	Δ	+ 50.0
anti-roll kit	Δ	+ 5.0
rear hydraulic kit	Δ	+ 4.0

### TYRES

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, 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	(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:** 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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