



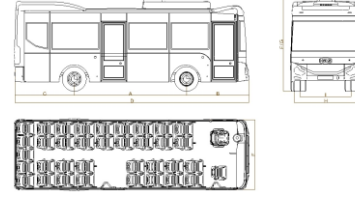
HABAŞ SINAİ VE TIBBİ GAZLAR  
İSTİHSAL ENDÜSTRİSİ A.Ş.

Alfa Lux-2

## PURE ELECTRIC TOURISTIC BUS

### Technical Datasheet

ENGINE	
Make / Model	VOITH MD
Type	IPMSM Electric
Max. Power	250 kW
Max. Torque	2805 Nm
BATTERY SYSTEM	
Battery Make / Type	HABAS / LFP
Battery Capacity	282 kWh (Changeable Depending on Specification )
AXLES	
Front Axle Type, Capacity	Independent, 5.500 kg.
Rear Axle Type, Capacity	Rigid Portal, 10.000 kg.
Axle Ratio	4.52
SUSPENSION	
Front Axle	Air Springs(2), Shock Absorbers (2)
Rear Axle	Air Springs(4), Shock Absorbers (4)
STEERING	
Make/ Model	HEMA HD 095
Type	Servocom, Hydraulic
BRAKES	
Type of Brake System	Disc Brakes (front&rear) EBS,ESC, ASR, Spring Parking Brake-Rear Axle, Regenerative Brake
TYRES	
Size	265/70 R 19,5
Quantity	6
Rims	6.75x19.5"
ELECTRIC SYSTEM	
Battery	2x12V 110 Ah
CAPACITY	
Passenger	35+1
Max. Permissible Weight	13.500 kg
BODY	
Type	Stainless Steel, Monocoque
DIMENSIONS	
A: Wheelbase	3930 mm
B: Front Overhang	2180 mm
C: Rear Overhang	2090 mm
D: Overall Length	8200mm
E: Overall Width	2415 mm
F/G: Overall Height (with A/C, w/o A/C)	3200 - 3070 mm
H: Front Track	2000 mm
I: Rear Track	1890 mm
Approach Angle / Clearance	8.9 / 8.6



### STANDARD FEATURES

A/C (26 kW)	
Stainless Steel Body & Chassis	
2 Doors (Front: Single Wing, Middle: Single Wing)	
EBS / ABS / ASR / ESC / ESP	
Electronic Cluster	
Multiplex System	
Amplificator + 4 Speakers	
Tachograph	
LED Day Time Running Lamps	
Longitudinally & Vertically Adjustable Steering Column and Dashboard	
LED Illumination	
Pneumatic & Longitudinal Adjustable Driver Seat	
Lux Pullman, Reclinable Passenger Seats	
Tinted Glass	
Heated Driver's Side Window	
Heated Front Door Glazing	
Electrically Operated & Heated Side Mirrors	
Rearview Camera	
Hostess Seat	
OPTIONAL FEATURES	
Remote Control for Front Door	
Independent Heating System	
Heated Windshield	
Double Glazed Side Windows	
LCD Monitor	
Camera Monitored Side Mirrors (CMS)	
Electrically Controlled Roof Hatch	
Tyre Pressure Monitoring System (TPMS)	
Parking Sensor	
Automatic Fuses	
Alloy Rims	
Spare Tyre	
Interior Camera	
USB Sockets	