

# AKIA

ULTRA TB12





Electric routes, eco friendly tomorrows







**Zero Emission**



**Reliable Battery**



**>40 km Range**



**Regenerative Brake**





The journey towards sustainability





Integrated with the latest technologies of the digital age  
**compact driver cockpit**







Large interior volume and  
ergonomic design  
**more comfortable  
spaces**





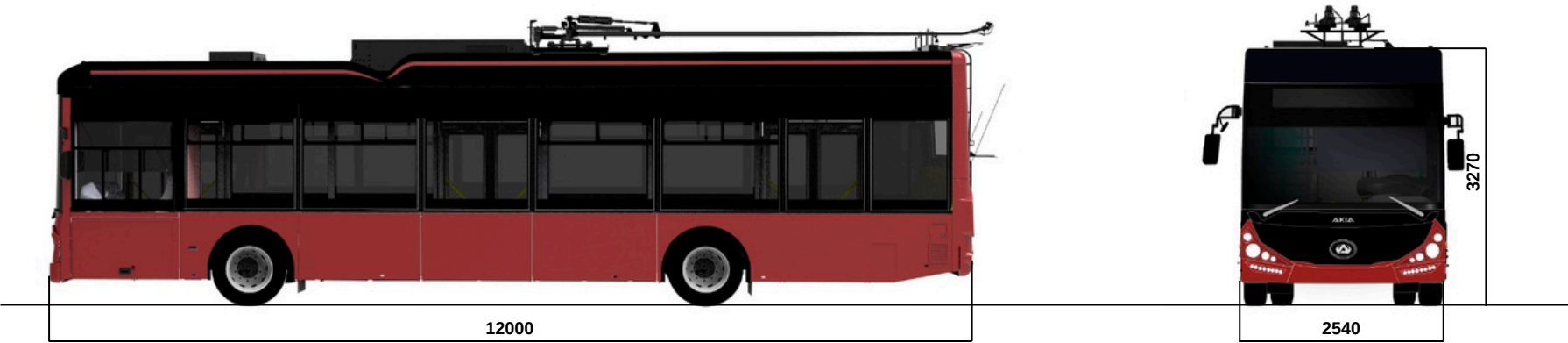


Eco-friendly design  
**key to sustainable  
transportation**



technical specifications		<ul style="list-style-type: none"><li>● standard</li><li>○ option</li></ul>	<ul style="list-style-type: none"><li>● standard</li><li>○ option</li></ul>	<ul style="list-style-type: none"><li>● standard</li><li>○ option</li></ul>
Driveline	<b>Current Collector System</b>			
	Automatic Pantograph	●		
	Traction Network Voltage 600 V DC	●		
	<b>Drive Type</b>			
	Rear Wheel Drive (RWD), 4x2	●		
	<b>Traction Motor</b>			
	TSA TMF-37-21-4	●		
	<b>Type</b>			
	IGBT Technology, Asynchronous	●		
	<b>Power (kW)</b>			
	160 kW	●		
	<b>Front Axle</b>			
	ZF Rigid Axle	●		
	<b>Rear Axle</b>			
	ZF Portal Axle	●		
	<b>Front Axle Suspension</b>			
	2 Units Bellows, 2 Units Shock Absorber, 1 Unit Balance Bar	●		
	<b>Rear Axle Suspension</b>			
	4 Units Bellows, 4 Units Shock Absorber, 1 Unit Balance Bar	●		
	<b>Suspension Stabilization System</b>			
	ELC air suspension	●		
	<b>Central Lubrication Point</b>			
	Central Lubrication Point	○		
	<b>Steering System</b>			
	Servocom	●		
	<b>Brake System</b>			
	Knorr Bremse EBS (ABS, ASR)	●		
	<b>Auxiliary Brake</b>			
	Gearbox Integrated Retarder	●		
	<b>Body Structure</b>			
	Monocoque Body Made of Box Profiles	●		
	<b>Side Panels</b>			
	Aluminum Side Panels	●		
	<b>Entrance Height</b>			
	Entrance Height for All Doors	340 mm		
	<b>Wheelchair Ramp</b>			
	Wheelchair Ramp with Manual Control	●		
	<b>Number of Passenger Seats</b>			
	Settlement Layout 37 Seated + 60 Standing + 1 Driver	●		
	<b>Wheelchair Space</b>			
	Wheelchair Space 1 Unit	●		
	<b>Climatization System</b>			
	<b>Air Conditioning System in Driver's Cabin</b>			
	Defroster	○		
	<b>Driver's Cabin Heating System</b>			
	Defroster	●		
	<b>Air Conditioning System in Passenger Cabin</b>			
	Air Conditioning	●		
	<b>Passenger Cabin Heating System</b>			
	Air Conditioning	●		
	Convector Type Heater	○		
	<b>Auxiliary (Additional) Heating System</b>			
	Pre Heater	○		
	<b>Electrical Installation</b>			
	Can Bus Based System	●		
	<b>Audio and Video System</b>			
	<b>Ses ve Görüntü Sistemi</b>			
	Radio System	○		
	LCD Display Monitor	○		
	Driver Speaker	○		
	<b>Driver Area</b>			
	Windshield Roller Blind - Manual Controlled	●		
	Windshield Roller Blind - Electric Controlled	○		
	Driver Side Window Sunshade	●		
	Driver Seat			
	(Pneumatic Driver Seat with 3 Point Seat Belt)	●		
	Steering - Height and Tilt Adjustment	●		
	Full Separated Driver Cabin	●		
	Digital Tachograph	○		
	<b>Passenger Area</b>			
	Passenger Information Monitor - 2 Units	○		
	Digital Clock / Temperature Display	○		
	Notice Board	○		
	Handle Tubes	●		
	Handle Tubes - with Desired Color	○		
	Passenger Seats - Standard Plastic Type with Cushion	●		
	<b>Exterior Section</b>			
	LED Destination Signs - (Front + Side + Rear) (Monocolor)	●		
	LED Destination Signs - (Front + Side + Rear) (Colored)	○		
	Side View Mirrors - Manuel Controlled	●		
	Side View Mirrors - Electric Controlled Heated	○		
	Side View Mirrors - Mirror Camera System	○		
	Roof Hatches - 2 Units, Manuel Controlled	●		
	Roof Hatches - 2 Units, Electric Controlled	○		
	<b>Paint</b>			
	Acrylic Kiln-dried Paint	●		
	Metallic Paint	○		
	<b>Camera and Surveillance System</b>			
	Analog Camera System	●		
	IP Camera System	○		
	<b>Additional Systems</b>			
	USB Charging Ports	●		
	Passenger Counting System	○		
	Fire Extinguisher System of Engine Area	●		
	Fire Extinguisher - 1 Unit	●		
	<b>Advanced Driver Assistance Systems</b>			
	Front Passenger Detection System	●		
	Blind Spot Detection System	●		
	Lane Departure Warning System	●		
	Automatic Headlight Sensor	○		
	Auto Hold	●		
	Rear View Digital Driver Display	●		
	Electronic Parking Brake	○		
	Blind Spot Mirror	○		
	Predictive Autonomous Emergency Braking System (PAEBS)	○		










**ULAŞIM**

**İç ve Dış Ticaret A.Ş.**

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