

AVENUE ELECTRON



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ENTIRELY NEW PERSPECTIVE REDEFINED FACE OF SMART CITIES: THE AVENUE ELECTRON



The Avenue Electron is a TEMSA Tech product designed to take transportation to the next level. With its different battery alternatives, this silent and ultra-comfortable coach is ready to hit the road. Order your Avenue Electron now and get ready for the new perspective of mobility.



TEMSA TECH EV SOLUTIONS

As TEMSA, we are using our own batteries and TEMSA BMS (Battery Management System) instead of supplying them.

There is a wide range of electrical products in both city, intercity and coach segments that meet all of your needs in compliance with both European and North American regulations.

We are taking the transportation to the next step by introducing the facelift of one of our 100% electric buses: Avenue Electron. The quiet, powerful, and modern design of Avenue Electron is reflected in TEMSA's experience with electric vehicle technology combined with proven characteristics of the Avenue LF diesel.

LOWERING YOUR TOTAL COST OF OWNERSHIP

Operating the Avenue Electron is more cost-effective than a regular diesel vehicle with electric motor, electric A/C and preheater. This is basic math; electric vehicles save money during operation and maintenance during the life cycle of the vehicle.

Avenue Electron will meet all your needs with its engine, battery and range features.

The CCS Type-2 compatible battery system offers convenient and fast charging as 2 hours with 150 kWh DC Charger, 3 hours with 90 kWh DC Charger, and 5 hours with 45 kWh DC Charger. There are three battery capacity options to choose - 240 kWh, 300 kWh and 360 kWh - depending on your preference up to 400 km. Also with its 250 kW 2885 Nm Torque engine power, the Avenue Electron offers maximum driving experience.

OUTSTANDING DESIGN

The Avenue Electron's durable and simple character makes quite the first impression with its appearance. It's always ready to make a difference to your business with its aesthetic, modern stance and user-friendly design.

Avenue Electron's new front and back facelift integrates TEMSA's powerful classic design with cutting edge technologies. The body integrates bold colors, superior quality, and long-term perfection. By enhancing the design with renewed face, Avenue Electron is ready to be one step ahead in its segment.

New LED lights, LED Front Fog Light and LED Daytime Running Light, offer remarkable durability, safety, and also effectiveness for cost via innovations in LED light technology.



WHERE UNIQUE EXPERIENCES BEGIN: DRIVER'S CABIN

The ergonomic driver seat, right armrest and heater for driver seat makes every part of the journey a joy to drive even during prolonged driving. All operating positions of the driver are at ease without physical changes.

The full digital dashboard, which is designed to offer a variety of crucial information during the journey and easy-to-use driving equipment ensure easy access.

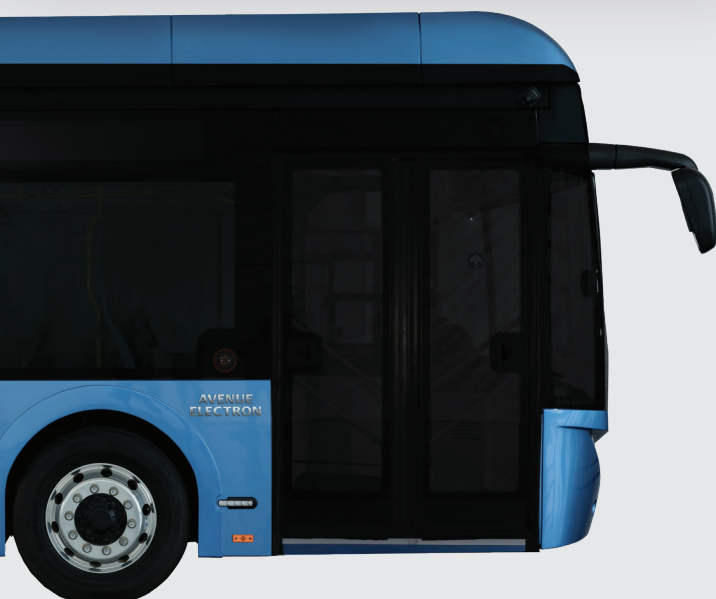


A COMFORTABLE JOURNEY

The comfortable spacious interior design and powerful air conditioning system of Avenue Electron means that every single passenger can enjoy their journey.

The Avenue Electron's interior design features also ensure uninterrupted experiences for passengers.

Users can access all relevant information easily on the multifunctional information displays. Depending on the number of seats, the number of standing passengers can be adjusted in line with your requirements. The 37 kW air conditioner keeps the interior of the vehicle cool and fresh even in the hottest weather conditions.



ENHANCED SAFETY SYSTEMS

The most comfortable journeys begin with a safe driving experience. The Avenue Electron incorporates a number of safety systems to provide the highest level of support, such as ESP, LDWS, LDWS, Blind Spot Information System, Pedestrian & Cyclist Collision Warning System, Forward Collision Warning System, Reversing Detection System.

Thus, Avenue Electron considers the safety of the surrounding area as much as it thinks about the safety of its own passengers in urban transportation.

AVENUE ELECTRON

DIMENSIONS AND WEIGHTS

Length	12.095 mm
Width	2.550 mm
Height (incl. air conditioner)	3.237 mm
Floor-To-Ceiling Height	Front:2.420 mm / Rear: 2.389 mm
Wheelbase	5.805 mm
Front Overhang	2.757 mm
Rear Overhang	3.533 mm
Turning Diameter	21.160 mm
Approach Angle	7°
Gross Vehicle Weight	19.000 kg
Max Passenger Capacity	98 (35 Seated + 63 Standing)

POWER

Maximum Motor Power.....	250 kW
Maximum Torque	2700/2885 Nm
Gradeability	18%

BATTERY

Type	Li-Ion NMC
Battery Capacity	240/300/360 kWh
Charging System	CCS Type 2
Charging Time	2 hours with 150 kWh DC Charger
.....	3 hours with 90 kWh DC Charger
.....	5 hours with 45 kWh DC Charger
Location	Roof

AXLES

Front Axle Type.....	ZF Independent
Front Axle Capacity	8.200 kg
Rear Axle Type	ZF Rigid
Rear Axle Capacity.....	13.000 kg

RIMS & TIRES

Rim	8.25 x 22.5
Tire.....	275/70 R22.5

ELECTRICAL SYSTEM

System Voltage.....	24 V
Battery.....	2 x 12 V 240Ah

STEERING WHEEL

Electro Hydraulic Steering	Standard
Steering Wheel Tilt and Telescopic	Standard

BRAKES

Service Brake.....	Standard
Parking Brake	Standard
ASR (Anti-Slip Regulation)	Standard
EBS (Electronic Braking System)	Standard

INTERIOR

Handle, Dashboard	Standard
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EXTERIOR AND BODY

Body Lifting	Standard
Body Kneeling	Standard
Body Side Kneeling	Standard
Opaque-White Exterior Colour	Standard
Metallic Exterior Colour	Optional

DRIVER'S AREA

Sunvisor	Standard
Interior Mirror for Driver	Standard
Sliding Front Heated Driver Window	Standard
3 Point Safety Belt for Driver Seat	Standard
Left Armrest for Driver Seat	Optional
Right Armrest for Driver Seat	Optional

SECURITY

ESP (Electronic Stability Programme)	Standard
Safety Hammers.....	Standard
Low Voltage Warning	Standard
Fire Extinguisher.....	Standard
Temporary Bus Stop	Standard
Circuit Separator on Battery	Standard
LDWS (Lane Departure Warning System)	Optional
Blind Spot Information System	Optional
Pedestrian & Cyclist Collision Warning System.....	Optional
Forward Collision Warning System.....	Optional
Reversing Detection System	Optional
Intelligent Speed Assistance	Optional
Headway Monitoring & Warning System.....	Optional

WINDOWS AND CLIMATIZATION

Double Glazed Side Windows.....	Standard
Air Conditioner	37kW
Preheater.....	Standard
Driver's Defroster	Standard

ELECTRONIC EQUIPMENTS

Monitor.....	Optional
WiFi.....	Optional
Reverse Gear Buzzer	Standard
Rear Parking Sensor	Optional
Electrically Adjustable Exterior Mirrors	Standard
Front Destination Plates.....	Standard
Video Record System	Optional

OTHER EQUIPMENTS

Fog Lights.....	Standard
Random Coded Lock.....	Standard
Electrical Horn	Standard
Ticket Machine Preparation	Standard
Manual Ramp	Standard