

Lamis 12e

IZMIR E-BUS



80
PASSENGER

250 KM
BATTERY RANGE

12
M

%100
LOW FLOOR

Lamis 12e

The **12-meter-long electric bus** produced for **Izmir Metropolitan Municipality** offers a quiet, comfortable, efficient, and sustainable travel experience in a way that harmonizes with the city's texture.



VEHICLE TYPE

Vehicle Category & Class

100% Low Floor, M3 Class I

ELECTRIC MOTOR SYSTEM FEATURES

Nom. Motor Power
Max. Motor Torque
Motor Configuration
Motor Type

240 kW
3500 Nm
Central Motor
Permanent Magnet
Synchronous Motor
Liquid Cooling
18%

Motor Cooling Type
Max. Climbing Slope

PERFORMANCE & VEHICLE FEATURES

Maximum Speed
High Voltage Battery Type
High Voltage Battery Capacity
Range(E-SORT-2)
Range (Under Operating Conditions)

80 km/h
NMC
362 kWh
400 km
250 km

Charging Type

Mode-4 Type-2 CCS-2 Plug-In

Charging Power

CCS-2 Plug-In: 360 kW

Charging Features

Fast and Slow Charging

Number of Doors

3 units, double-leaf –
electric and pneumatic

Maximum Seat Capacity

34 Seats

Passenger Capacity

80 Passengers

VEHICLE DIMENSIONS

Vehicle Length
Vehicle Width
Vehicle Height
Max. Allowed Weight

12150 mm
2550 mm
3400 mm
19000 Kg

HEATING AND COOLING (HVAC)

HVAC System
Cooling Capacity
Nominal Heat Pump Capacity

Electric Heating and Cooling
20 kW
12 kW at 0 °C
20 kW at 15 °C

Battery Cooling Capacity
Operation Temperature Range
Defroster (Driver Heating)
Defroster (Driver Cooling)

6 kW
-30°C to +50°C
8,1 kW
4 kW

BRAKE SYSTEM-AXLE TYPE-WHEEL

Brake system

WABCO , EBS3

(ABS, ASR, Regenerative Braking)

Suspension System

WABCO, ECAS

(Air Suspension, Kneeling Function)

Tire Size

275 / 70 R22.5

Front Axle

ZF RL 82 EC (Independent)

Drive Axle

ZF AV 133 Driven Portal Axle

Number of Axles

2