

NEOCITY

NEOCITY 8.5 M EV
CITY BUS SERIES
LOW FLOOR



BMC

ENGINE

BRAND / MODEL

TM4 SUMO MD3000

TYPE

Permanent Magnet Asynchronous Motor

MAXIMUM POWER

235 kW

CONTINUOUS POWER

145 kW

MAXIMUM TORQUE

3000 Nm

TRACTION BATTERIES

BRAND / MODEL

Li-Ion NMC , Akasol Battery

CAPACITY

198 kWh (6x33kWh), 655V

AXLES

FRONT AXLE

Brand

BRIST

Load Capacity

5500 kg

REAR AXLE

Brand

BRIST

Load Capacity

10400 kg

SUSPENSION

FRONT AXLE

Air Bellows (2), Hydraulic Absorbers (2)

REAR AXLE

Air Bellows (4), Hydraulic Absorbers (4)

KNEELING

Side Kneeling (ECAS)

VEHICLE BODY

BODY AND CONSTRUCTION

Monocoque Chassis and Body (Low-Floor)

TIRES

SIZE / UNITS

245 / 70R 19,5 - 6

RIMS

SIZE

6.75 x 19.5

ELECTRICAL SYSTEM

EQUIPMENT

24 V Negative

BATTERIES

2 x 12 V / 150 Ah

ALTERNATOR

7,5 kW

STEERING SYSTEM

TYPE

Hydraulic

BRAKE SYSTEM

BRAKE SYSTEM TYPE

Air Controlled Disc

EBS (ABS + ASR)

AUXILIARY SYSTEM

Hydraulic Retarder (intarder)

Activated via Hand Lever and/or Brake Pedal

STANDARD EQUIPMENT

Air Conditioner

Manuel Foldable Disabled Ramp

Automatic Fire Extinguishing System

Electrically Controlled Heated Side Mirrors

LED Interior Lighting

LED Destination Panels

Isolated Driver Cabin

Digital Clock

Hydrostatic Fan Engine Cooling System

Engine Cover

OPTIONAL EQUIPMENTS

Preheater

Camera Surveillance and Recording System

LCD Monitor

Passenger Counting System

Automatic Oil Filling

Electric Fan for Ventilation

Tyre Pressure Monitoring System (TPMS)

USB Charger

Announcement System

Coach Type Mirrors

Park Sensor

Front Fog Lamps

Press Block

Convector Heating

EXTRA OPTIONAL

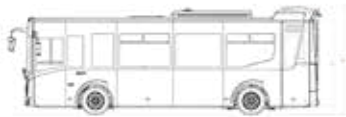
BATTERIES

Option

7 x 33 kWh = 231 kWh 655 V

Option

8 x 33 kWh = 264 kWh 655 V



DIMENSIONS (mm)

A: Wheelbase	4535	G: Rear Overhang	1925
B: Overall Length	8500	H: Front Track Width	2072
C: Overall Width	2450	J: Rear Track Width	1884
D: Maximum Height	3195	K: Entrance Height	340
E: Inner Height	2390	L: Inner Width	2325
F: Front Overhang	2040		

CAPACITY

Passenger Capacity 21 Seating + 51 Standing

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BMC OTOMOTİV SANAYİ VE TİCARET A.Ş.