





**CITY BUS SERIES** NEOCITY ELECTRIC VEHICLE (8,5 M LOW FLOOR)

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## ENGINE

 Brand/Model
 TM4 SUM0 MD3000 (Driver: TM4 C0200HV)

 Type
 Permanent Magnet Asynchronous Motor

 No of Cylinders

 Stroke Volume

 Maximum Power
 235 kW (310 HP) @ 1000-3000 rpm

 Maximum Torque
 3000 Nm @ 0-500 rpm

 Cylinder Diameter X Stroke

BATTERY

Brand/Model: Capacity: Charge Connector: **Charging Time** Fast Charge

Slow Charge

# AXLES

Front Axle Brand/Model Load Capacity BRIST (Independent)

BMZ / NMC Cell 94 Ah Prismatic

6 Hours (100%) - Complete Charge

Combined Charging System (CCS Type 2)

174 kWh (168sx3p), 618V

2.5 Hours (80%)

Rear Axle Brand/Model Diff. Ratio Load Capacity 5.500 kg BRIST (Portal)

4,86:1

10.400 kg

EBS (ABS+ASR)

STEERING

Brand / Model Type

Hema Hd095 Hydraulic (Electric Motor Assisted)

Air Controlled Disc (Front and Rear)

Regenerative Braking System

BRAKES Brake System Type

Retarder/Intarder Type

## **SUSPENSION**

Front Axle Rear Axle Kneeling Air Bellows (2), Hydraulic Absorbers (2) Air Bellows (4), Hydraulic Absorbers (4) Side Kneeling (ECAS)

**VEHICLE BODY** 

Body and Construction

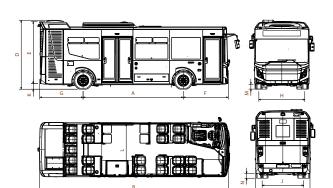
Integral Design, Monocoque Chasis and Body, Low-floor

**TIRES / RIMS** 

Size Rims Size 245/70 R19,5 6,75 X 19,5

# **ELECTRIC/ELECTRONIC SYSTEMS**

Electric Structure Battery DC/DC Converter 24 V Negative Chassis 2X12 V / 300 Ah (2x150 Ah) Water Cooled, 300A



# **DIMENSIONS (mm)**

A: Wheelbase	5175
B: Vehicle Length	10000
C: Overall Width	2450
D: Maximum Height	3480
E: Inner Height	2390
F: Front Overhang	2040
G: Rear Overhang	2785
H: Front Track Width	2072
J: Rear Track Width	1885
K: Entrance Height	340
L: Inner Width	2350
Turning Radius (Kerb to Kerb)	8045

21 Seating + 51 Standing; 72 Total

27 Seating (Including 4 Tip-Up Seats)

## **CAPACITY / AXLE LOADS**

Passenger Capacity Max Seating Capacity Max

# **STANDARD FEATURES**

A/C 30 kW Cooling / 19 kW Heating Manuel Foldable Disabled Ramp Automatic Fire Detection System Electrically Controlled Heated Side Mirrors LED Interior Lighting Driver Cabin Digital Clock Adjustable Steering Entegrated With Cluster (DWP) LED Destination Panels

## **OPTIONAL FEATURES**

High Voltage Water Heater Camera Surveillance System With Recording Electrically Controlled Roof Hatch LCD Monitor USB Charger Electric Fan for Ventilation Tyre Pressure Monitoring System (TPMS) Tachograph (DTCO) Rear View Camera and Display Screen Engine Room Automatic Fire Extinguishing System Passenger Counting System Announcement System Front Fog Lamps Double Glazed Side Glasses Configurable Battery Pack Capacity

All visuals, dimensions, characteristics and equipments are for information purposes only and they are not contractual. BMC reserves the right to modify them without prior warning. (April 2019)

#### BMC Otomotiv Sanayi Ve Ticaret A.Ş.

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