

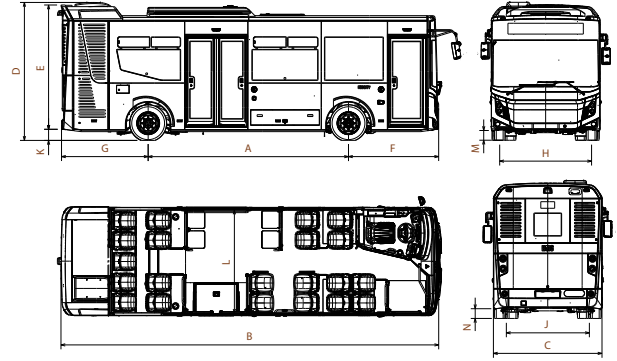
# NEOCITY EV



**BMC**

**CITY BUS SERIES**

NEOCITY ELECTRIC VEHICLE (8,5 M LOW FLOOR)



#### 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:	BMZ / NMC Cell 94 Ah Prismatic
Capacity:	174 kWh (168sx3p), 618V
Charge Connector:	Combined Charging System (CCS Type 2)
<b>Charging Time</b>	
Fast Charge	2.5 Hours (80%)
Slow Charge	6 Hours (100%) - Complete Charge

#### AXLES

##### Front Axle

Brand/Model	BRIST (Independent)
Load Capacity	5.500 kg

##### Rear Axle

Brand/Model	BRIST (Portal)
Diff. Ratio	4,86 : 1
Load Capacity	10.400 kg

#### STEERING

Brand / Model	Hema Hd095
Type	Hydraulic (Electric Motor Assisted)

#### BRAKES

Brake System Type	Air Controlled Disc (Front and Rear) EBS (ABS+ASR)
Retarder/Intarder Type	Regenerative Braking System

#### 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	Integral Design, Monocoque Chassis and Body, Low-floor
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#### TIRES / RIMS

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

#### ELECTRIC/ELECTRONIC SYSTEMS

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

#### CAPACITY / AXLE LOADS

Passenger Capacity Max	21 Seating + 51 Standing; 72 Total
Seating Capacity Max	27 Seating (Including 4 Tip-Up Seats)

#### 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