



HABAŞ SINAİ VE TIBBİ GAZLAR
İSTİHSAL ENDÜSTRİSİ A.Ş.

ComfortCity-2

PURE ELECTRIC CITY BUS

Technical Datasheet

ENGINE

| | |
|--------------|----------------|
| Make / model | VOITH HD |
| Type | IPMSM Electric |
| Max. Power | 410 kW |
| Max. Torque | 3100 Nm |

BATTERY SYSTEM

| | |
|---------------------|--|
| Battery Make / Type | HABAS / LFP |
| Battery Capacity | 282 kWh (Changeable Depending on Specification) |

AXLES

| | |
|---------------------------|------------------------|
| Front Axle Type, Capacity | ZF RL 82A, 8.200 kg |
| Rear Axle Type, Capacity | ZF AV133/87, 13.000 kg |
| Axle Ratio | 5.30 |

SUSPENSION

| | |
|------------|-------------------------------------|
| Front Axle | Air Springs(2), Shock Absorbers (2) |
| Rear Axle | Air Springs(4), Shock Absorbers (4) |
| | Kneeling |

STEERING

| | |
|-------------|---------------------|
| Make/ Model | HEMA / 8098 |
| Type | Servocon, hydraulic |

BRAKES

| | |
|----------------------|---|
| Type of Brake System | Disc Brakes (front&rear) EBS,ESC, ASR, Spring Parking Brake-Rear Axle, Regenerative Brake |
|----------------------|---|

TYRES

| | |
|----------|---------------|
| Size | 275/70 R 22,5 |
| Quantity | 6 |
| Rims | 8.25x22.5" |

ELECTRIC SYSTEM

| | |
|---------|--------------|
| Battery | 2x12V 240 Ah |
|---------|--------------|

CAPACITY

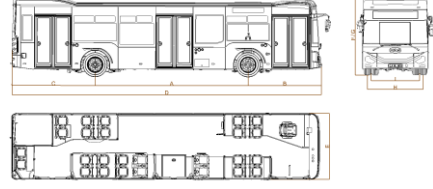
| | |
|-------------------------|---------------------------------------|
| Passenger | 106(26+80), 100(26+1+73), 93(26+2+65) |
| Max. Permissible Weight | 19.500 kg |

BODY

| | |
|------|----------------------------|
| Type | Stainless Steel, Monocoque |
|------|----------------------------|

DIMENSIONS

| | |
|---|----------------|
| A: Wheelbase | 5900 mm |
| B: Front Overhang | 2777 mm |
| C: Rear Overhang | 3203 mm |
| D: Overall Length | 11880 mm |
| E: Overall Width | 2520 mm |
| F/G: Overall Height (with A/C, w/o A/C) | 3100 - 2800 mm |
| H: Front Track | 2090 mm |
| I: Rear Track | 1840 mm |
| Approach Angle / Ramp / Clearance | 7 / 6 / 7 |



STANDARD FEATURES

| |
|--|
| A/C (32 kW) |
| Stainless Steel Body & Chassis |
| Kneeling System |
| EBS / ABS / ASR / ESC / ESP |
| Electronic Cluster |
| Multiplex System |
| Wheelchair Access Ramp |
| Audio Station + 4 speakers |
| Tachograph |
| LED Day Time Running Lamps |
| Longitudinally & Vertically Adjustable Steering Column and Dashboard |
| LED Illumination |
| Driver Cabin |
| Pneumatic & Longitudinal Adjustable Driver Seat |
| Plastic + Textile Passenger Seats |
| Tinted Glass |
| Heated Driver's Side Window |
| Heated Front Door Glazing |
| Electrically Operated & Heated Side Mirrors |
| Rearview Camera |
| Interior Camera |
| Digital Destination Boards |
| USB Sockets |
| OPTIONAL FEATURES |
| A/C for Driver Cabin |
| Remote Control for Front Door |
| Independent Heating System |
| Heated Windshield |
| Double Glazed Side Windows |
| LCD Monitor |
| Passenger Information System (Audio / Video) |
| Camera Monitored Side Mirrors (CMS) |
| Passenger Counting System |
| Electrically Controlled Roof Hatch |
| Tyre Pressure Monitoring System (TPMS) |
| Parking Sensor |
| Automatic Fuses |
| Alloy Rims |
| Spare Tyre |