



### Internal layout



### EV120C specifications

|                         |   |                                |
|-------------------------|---|--------------------------------|
| <b>Basic Parameters</b> | <b>Model</b>                              | EV120C                         |
|                         | <b>Fuel</b>                               | Battery Electric               |
|                         | <b>LHD or RHD</b>                         | RHD                            |
|                         | <b>Passenger Capacity</b>                 | 1 Driver + 53/55/57 Passengers |
|                         | <b>Dimension (L*W*H, mm)</b>              | 12500 × 2500 × 3850            |
|                         | <b>GVM (kg)</b>                           | 18,000                         |
|                         | <b>Tare (kg)</b>                          | TBA                            |
|                         | <b>Approach/Departure angle (degrees)</b> | TBA                            |
|                         | <b>Min. Turning Diameter (m)</b>          | TBA                            |
|                         | <b>Max. Grade (% , 1 min)</b>             | 18%                            |
|                         | <b>Continuous Max. Grade (%)</b>          | 8%                             |
|                         | <b>Top Speed (km/h)</b>                   | 80                             |
|                         | <b>Range</b>                              | ≥350Km                         |

## EV120C specifications continued

|                      | Description         | Standard   | Component Brand |
|----------------------|---------------------|--|-----------------|
| Power System         | Traction Battery    | 445 kWh  | ✓ CATL          |
|                      | Hydrogen Fuel Cell  | N/A  | ✓ N/A           |
|                      | Drive Motor         | TM4  | ✓ Dana          |
|                      | Controller          | TM4  | ✓ Dana          |
|                      | Hydrogen Tanks      | N/A  | ✓ N/A           |
|                      | Air Compressor      | Electronic air compressor                            | ✓ KTC           |
|                      | Steering Pump       | Electric steering pump                               | ✓               |
| Chassis              | Suspension          | Air suspension                                       | ✓ ZF            |
|                      | ECAS                | WABCO  | ✓ WABCO         |
|                      | Front Axle (1)      | Disc brake – Steer axle                              | ✓ ZF            |
|                      | Rear Axle (2)       | Disc brake – Drive axle                              | ✓ ZF            |
|                      | Rear Axle (3)       | Disc brake – Drive axle                              | ✓ NA            |
|                      | Tire                | 295/80R22.5  | ✓ Michelin      |
|                      | Rim                 | 22.5×8.25 (alloy)                                    | ✓ Alcoa         |
|                      | Steering System     | Hydraulic power steering                             | ✓ ZF / Bosch    |
|                      | Braking system      | WABCO AEBS braking system                            | ✓ WABCO         |
| Safety and Electrics | ADAS                | Lane departure warning system                        | Mobileye        |
|                      | Dashboard           | ACTIA  | ✓ ACTIA         |
|                      | Camera System       | Reversing cameras and buzzer                         | ✓ Included      |
|                      | Exterior Lamps      | Hella  | ✓ Hella         |
|                      | LV Battery          | 24V maintenance free                                 | ✓               |
|                      | A/C                 | Cooling and heating A/C                              | ✓ Valeo         |
|                      | Floor heater        | Driver's area heating                                | N/A             |
|                      | Fire Extinguisher   | HV compartment                                       | ✓               |
|                      | Demister            | PTC heater   | ✓ Valeo         |
| Body                 | Body Structure      | Monocoque U-hoop structure, imported stainless steel | ✓               |
|                      | Body Style          | City Bus – New Energy style                          | ✓               |
|                      | Wheelchair Ramp     | Flip out ramp  | ✓ Ventura       |
|                      | Side Window         | Tempered glass                                       | ✓               |
|                      | Floor Mats          | Rubber   | ✓               |
|                      | Floor               | Vinyl  | ✓               |
|                      | Destination Sign    | Front and side standard                              | ✓ AngelTraxx    |
|                      | Rear-view Mirror    | Camera mirrors                                       | ✓ AngelTraxx    |
|                      | Front Service Door  | Inward Glider  | ✓ Ventura       |
|                      | Middle Service Door | Inward Glider  | ✓ Ventura       |
|                      | Driver Seat         | Air ride driver's seat with seatbelt                 | ✓ ISRI          |
|                      | Passenger Seat      | Standard fixed seat                                  | ✓ Fainsa        |
|                      | USB ports           | In dash  | Optional        |
|                      | Wiper               | Dual Arm   | N/A             |
|                      | Bell Press System   | Wireless   |                 |
|                      | Hand poles          | Powder coated  | ✓               |



