

# MCV C127 EV

DESIGNED TO LEAD  
BUILT TO LAST



| CHASSIS    |                             |  |   |                          |   |   |
|------------|-----------------------------|--|---|--------------------------|---|---|
| ITEM       | TECHNICAL SPECIFICATIONS    |  |   |                          |   |   |
| Drive line | Motor type                  | Asynchronous motor                       | HVAC System                                       | Roof unit                | CO2 heat pump                                   |   |
|            | Max Electric Motor power    | 250 kW                                   |   | Additional Heater        | 20 kW Electric Heater                           |   |
|            | Max Electric Motor Torque   | 3000 Nm                                  |   | Saloon Heaters           | 2x Side wall convectors<br>1x Under seat heater |   |
|            | Maximum battery capacity    | 462 kWh                                  |   | Safety features          | Driver place                                    | Heated and cooled front box                                       |
|            | Battery type                | Lithium-ion battery (NMC)                |   |                          | Braking system                                  | EBS (Electronic Braking System)<br>ABS (Anti-Lock Braking System) |
| Charger    | Type                        | CCS2 - Plug in                           | ADAS Systems                                      |                          | ASR (Acceleration Slip Regulation)              |   |
| Axles      | Max Charging power          | 150 kW                                   |   | Camera monitoring system | Side Mirror                                     | blind spot monitoring system                                      |
|            | Suspension levelling system | ECAS with leveling and kneeling function |   |                          |   | Intelligent speed Assist  |
|            | Rear Axle                   | ZF portal axle                           |   |                          |   | Lane Departure Warning System                                     |
|            | Tyre size                   | 275/70R22.5<br>295/80R22.5               |   |                          |   | Driver Sleepiness and Distraction Warning                         |
|            | Front Axle                  | ZF independent suspension                | Orlaco MirrorEye MP<br>With LHS blind spot Camera |                          |   |   |
| Steering   | System type                 | Electrohydraulic steering                |   |                          | Emergency Mirror Bracket                        |   |
|            | Gear box                    | ZF TRW                                   |   |                          |   |   |
|            | Steering pump               | Settima Continuum GR33                   |   |                          |   |   |

  

| BODY            |                               |  |                |                    |  |  |
|-----------------|-------------------------------|--|----------------|--------------------|--|--|
| ITEM            | TECHNICAL SPECIFICATIONS      |  |                |                    |  |  |
| Structure       | Body Structure                | Stainless steel  | Lights         | Exterior lights    | LED High and Low Beam<br>LED Daytime running light<br>Front and rear fog lamps<br>Cornering lights |  |
|                 | Side panels                   | Removable side panels  |                |                    | Interior Lights  | Automatic light control<br>Saloon LED white light<br>Saloon LED Mood light   |
|                 | Towing Device                 | Equiped at Front and Rear  |                |                    |  | Announcement system  |
| Glass & Windows | Saloon                        | Side tinted glass<br>4 Hoppers   | Other features | Charging ports     | Internal 18.5" TFT<br>USB Socket at Every seat<br>Wireless Charger at Driver place                 |  |
|                 | Driver                        | Sliding Window<br>Side Heated Glass  |                |                    | CCTV System  | 5 cameras with recorder  |
| Layout          | Door arrangement              | 2-2-0<br>2-2-2   |                | Destination panels | AVAS   | VDV Compliant  |
|                 | Entrance height               | Entrance height for all doors 320 mm (*)   |                |                    | Lawo System  | Front :White LED Signs 26x216 [LAWO_100-9885]<br>Side :White LED Signs 26X192 [LAWO_100-9883]<br>Rear :White LED Signs 26X48 [LAWO_100-9886]<br>Interior 18.5" LCD screeen |
|                 | Wheelchair ramp               | Manual ramp at the 2nd entrance  |                |                    |  |  |
|                 | Number of passenger seats     | 29 + 2 Tipup in case of 3 doors + 2 wheelchair<br>39 + 1 Tipup in case of 2 doors + 1 wheelchair |                |                    |  |  |
| No. of seats    | 3Doors                        | (With Two Wheelchair)<br>29 Seats+2 TIPUP<br>(With One Wheelchair 2000)<br>33 Seats+2 TIPUP      |                |                    |  |  |
|                 | 2Doors                        | (With One Wheelchair 2000)<br>37 Seats+2 TIPUP<br>(With One Wheelchair 1300)<br>39 Seats+1 TIPUP |                |                    |  |  |
| Seats Type      | STER Seats 8MS & 8MA          |  |                |                    |  |  |
|                 | Kiel Seats Ligero 3000/700 HF |  |                |                    |  |  |

