

# NOVO VOLT

TRANSFORMATION OF TOURISM TRANSPORTATION



**2H/FAST**  
CHARGE



**ZERO**  
EMISSON



**Up to 225 km**  
LONG-RANGE

**100%** **ELECTRIC**  
BUS

**ANADOLU ISUZU**

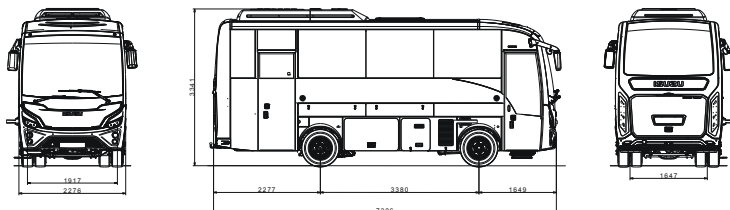
Manufactured by Anadolu Isuzu  
The one and only "Isuzu Manufacturing Management (IMM)"  
certified Isuzu factory in Europe.

**ISUZU BUS**

# NOVO VOLT

## TECHNICAL SPECIFICATIONS

|  |  |
|--|--|
| <b>Dimensions (mm)</b>                         |  |
| Maximum Length                                 | 7332   |
| Maximum Width                                  | 2282   |
| Maximum Height                                 | 3380   |
| Wheelbase                                      | 3380   |
| Front Overhang                                 | 1650   |
| Rear Overhang                                  | 2277   |
| <b>Weights (kg)</b>                            |  |
| Front Axle Capacity                            | 4500 kg  |
| Rear Axle Capacity                             | 8500 kg  |
| <b>Electrical System for EV Vehicles</b>       |  |
| Operating Voltage                              | 660V   |
| Compliant with ECE-100 r2                      | Yes  |
| Battery Type                                   | NMC  |
| Battery Capacity                               | 165 kWh  |
| Range (km)                                     | Up to 225 km   |
| <b>e-Motor Systems for Electrical Vehicles</b> |  |
| Drive Type                                     | Allison eGen Power 100S                                      |
| Drive Model                                    | E-Axle   |
| Maximum Net Power (kW)                         | 320 kW   |
| Continuous Power (kW)                          | 320 kW   |
| Continuous Torque (Nm)                         | 12 kNm   |
| Peak Torque (Nm)                               | 12 kNm   |
| <b>Charging System</b>                         |  |
| Charging Type                                  | AC / DC Type 2 (CCS Type 2)                                  |
| On Board Charger                               | 0  |
| Power  | AC Plug in - 22 kW (0)<br>DC Plug in - Min. 140 kW (Std)     |
| Charging Time                                  | Max. For fast charging 2 Hours<br>For AC Charging 10 Hours   |
| <b>Suspension</b>                              |  |
| Front  | Parabolic steel alloy leaf spring                            |
| Rear   | Mechanic Suspension  |
| <b>Brake System</b>                            |  |
| Front / Rear                                   | Disc / Disc  |
| System   | Dual circuit with ESC, auto tuned, EBS full air brake system |
| Parking Brake                                  | Air driven-effective on the rear axle                        |
| Auxiliary Brake                                | Regenerative   |
| <b>Fuel Tank</b>                               |  |
| Diesel Preheater Fuel Tank (lt)                | 30L  |
| <b>Luggage Compartment</b>                     |  |
| Luggage Capacity (m <sup>3</sup> )             | 2.5 m <sup>3</sup>   |
| Luggage Compartment Lighting                   | S  |
| Central Locking System                         | 0  |
| Interior Luggage Racks                         | S  |
| <b>Electrical System</b>                       |  |
| Nominal Voltage                                | 24 V   |
| <b>Passenger Capacity</b>                      |  |
| Standard Seat Layout                           | 29(p)+1(d)   |
| Optional Seat Layouts                          | 27(p)+1(c)+1(d)  |
| Crew Seat                                      | 0  |
| Seat Layouts With Wheelchair                   | 0  |
| <b>Performance</b>                             |  |
| Maximum Speed                                  | 90 km/h  |
| Gradeability (at GVW)                          | 20%  |
| <b>Interior Lights</b>                         |  |
| Interior Ceiling Lighting                      | On airduct, continuous                                       |
| Door Step Lighting                             | S  |
| Door Overhead Lighting                         | S  |
| <b>Sound System</b>                            |  |
| Multimedia 7inch Touchable                     | 0  |
| MP3, SD Card, USB, DVD Player                  | TBD  |
| Microphone & Amplifier                         | S  |
| Digital Clock                                  | S  |
| LCD Screen (Passenger Compartment)             | 0 (19")  |



## EQUIPMENTS

|   |   |
|---|---|
| <b>Heating and Ventilation</b>  |   |
| Pre Heater  | 0 (Hybrid Heater - 14 kW HV Electric / 23 kW Diesel, HVO) |
| Electrical Heater   | (20kW)  |
| Front Blower Box  | S   |
| Fan Convector Heater  | S   |
| <b>Air Conditioner</b>  |   |
| Digitally Controlled Air Conditioner                                    | S   |
| Dashboard A/C   | S   |
| <b>Safety &amp; Driving Comfort</b>                                     |   |
| Speed Limiter   | S (Max. 90km/h)   |
| Tachograph (Smart)  | S   |
| Multiplex System (CanBus)   | S   |
| ABS   | S   |
| ASR   | S   |
| EBS   | S   |
| ESC/ESP   | S   |
| EBD   | S   |
| AEB   | S   |
| LDWS  | S   |
| Hillholder  | S   |
| Parking Sensor  | S   |
| Rear View Camera  | S   |
| Fire Extinguisher   | S   |
| Engine Compartment Fire Detection and Automatic Fire Suppression System | S   |
| Spare Wheel   | S   |
| Tyre Inflation Unit   | S   |
| Roof Emergency Exit and Ventilation Hatch                               | S   |
| Fog Lamp (Front)  | S   |
| Day Time Running Lamps (DRL)  | S   |
| Reverse Gear Warning Beeper   | S   |
| Cruise Control  | 0   |
| <b>General Safety System</b>  |   |
| Telematic System  | 0*  |
| Pedestrian and Cyclist Detection System                                 | S   |
| Collision Warning and Emergency Brake                                   | S   |
| Intelligent Speed Assistance System                                     | S   |
| TPMS  | S   |
| Alcohol Interlock Installation Facilitation                             | S   |
| Reversing Motion  | S   |
| Driver Inattention and Caution Warning                                  | S   |
| Moving off information system (MOIS)                                    | S   |
| The intelligent speed assistance (ISA)                                  | S   |
| Blind sport information system (BSIS)                                   | S   |
| <b>EXTERIOR</b>   |   |
| Towing Device   | S (Front), 0 (Rear)                                       |
| Trailer Towing Device   | 0 (Rear)  |
| Ski Box (Preparation)   | 0   |
| Ski Box   | 0 (Rear)  |
| <b>Doors</b>  |   |
| Number Of Service Doors   | 2   |
| Front & Rear Door   | One door wing-opens out, pneumatics                       |
| Remote Control  | S   |
| Wheelchair Door (Additional)*   | 0   |
| Wheelchair Lift*  | 0   |
| Wheelchair Lift Preparation   | 0   |
| <b>Passenger Windows</b>  |   |
| Type  | One-piece   |
| Window Color  | Smoked (%30-35 light transmittance)                       |
| Layers of Glass   | Double Glazed (S)   |
| <b>Driver Windows</b>   |   |
| Windshield  | One-piece   |
| Driver's Sliding Window   | Manual (S)  |
| Driver's Window Demister/Defroster                                      | S   |
| Front Door Window Demister/Defroster                                    | S   |
| <b>INTERIOR</b>   |   |
| <b>Driver Area</b>  |   |
| Driver Seat   | Air adjustable, Grammer wt both side armrest              |
| Steering Wheel  | Height and angle adjustable                               |
| USB for Driver  | S   |
| USB for Crew  | S   |
| Overhead Locker for Driver  | S   |
| Lamp For Driver Seat  | S   |
| Lamp For Crew Seat  | S   |
| Windscreen Blind  | Manual (S)  |
| Electrically Controlled Side Rear Mirrors                               | S   |
| Heated Long Arm Mirrors   | S   |
| Close-Proximity On Right Exterior Mirror                                | S   |
| First Aid Kit   | S   |
| <b>Passenger Seats</b>  |   |
| Fixed / Railed  | Railed  |
| Leather / Fabric  | Fabric & Leather  |
| Reclining   | S   |
| Sliding (Aisle)   | S   |
| Footrests   | S   |
| Seat Back Magazine Net  | S   |
| Seat Back Tray  | S   |
| Armrests (Aisle Side)   | S   |
| Armrests (Window Side)  | S   |
| Safety Belts (2-Points)   | S   |
| Safety Belts (3-Points)   | 0   |
| <b>Passenger Compartment</b>  |   |
| Ceiling Upholstery  | Fabric on formika   |
| Wood-Effect Floor Covering  | 0   |
| Overhead Multi-Sets (Crew Call Button, Reading Lamps)                   | S   |
| Curtains (Passenger Windows)  | S   |
| Refrigerator  | 0 (Rear)  |
| USB for passenger   | 0   |

\*Subject to Change after development period S: Standard Opt: Optional

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