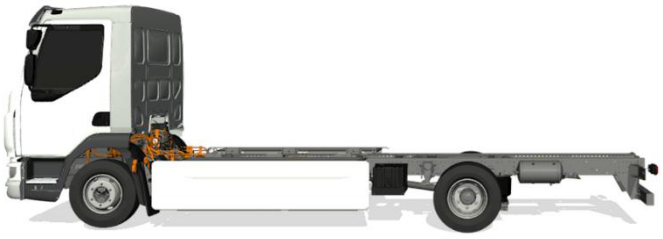


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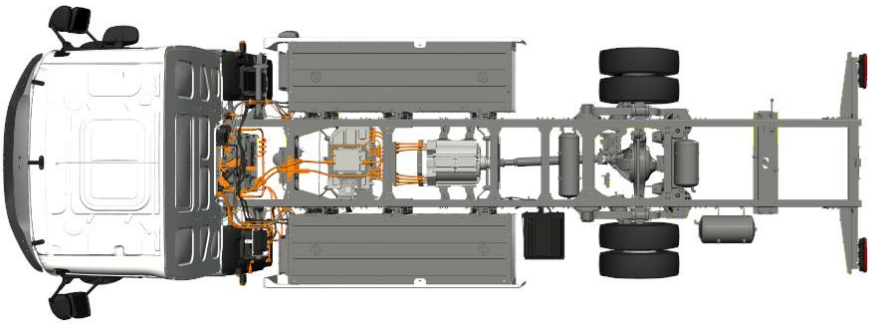
XB 120 FA 4X2 Cabinato, 12t Electric XB12TElectric

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Detailed Specification XB 120 FA 4X2 Cabinato, 12t Electric XB12TElectric

CAB EXTERIOR

- Day Cab with steel bumper, tinted glass and electric window openers. Main mirrors and wide angle mirrors electrically heated. Cab width 2130 mm.
- Maintenance free 4-point mechanical cab suspension with integrated shock absorbers.
- **Translucent external sun visor above the windscreen, colour green.**
- **Bi-reflector halogen head lights with impact-resistant Lexan lens.**
- Head light beam for right-hand traffic.
- Daytime running lights.
- **Bumper mounted fog lights.**
- Green tinted glass.
- Main mirror and wide angle mirror at driver's side and co-driver's side. Kerb view mirror at co-driver's side.
- Electrical adjustment of the main mirrors.
- **Mirror brackets for body width 2.30 - 2.40 m.**
- Front view mirror to comply with EC directive 2003/97/EC for frontal field of view.
- Camera at the rear of the vehicle for rear view. Camera images will be shown on a dedicated display.
- Central door lock system with exterior light check function. Includes 2 remote control units and 2 transponder keys.

AERODYNAMICS

- Side panel(s) covering the battery packs mounted at the sides of the chassis. Due to the battery packs not covering the full space between the axles at one or both sides of the chassis, this space is only partially covered by the side panel(s).

COLOURS

- Cab colour: E1980WHTE
- **Headlamp panel and bumper in cab colour.**
- **Cab steps and wing in cab colour.**
- Colour of side covers: Grey.
- Chassis colour grey.

CAB INTERIOR

- Left-hand drive.
- Black steering wheel with soft grip finish.

- Steering column rake adjustment with mechanical lock.
- Air suspended driver seat with integral head restraint and three-point seat belt. Seat upholstery velour with vinyl rear.
- **Arm rest on the driver seat.**
- **Dual mate seat with velour upholstery. Both seats with head rest and three-point seat belt. Storage space under the outer seat cushion.**
- Seat belts black.
- Manually controlled airco with air recirculation.
- Electric window openers.
- Converter 24V to 12V, 15A, 180W.
- **ECAS remote control to activate normal driving height, to raise/lower the rear axle and to stop any adjustment.**

COMMUNICATION AND DRIVING MANAGEMENT

- Universal FMS (Fleet Management System) connector with wiring, to read information as defined in the truck manufacturers' FMS standard.
- 10 year subscription PACCAR Connect. PACCAR Connect is an online fleet management system providing insight in relevant truck, driver, and location information.
- Specific feature for DAF Electric vehicles facilitating scheduled departure, including pre-conditioning of the cab and high-voltage batteries, and scheduled charging. Both these funtionalities can be managed through the driver information panel in the truck, the PACCAR Connect web portal, and the DAF Driver App.
- **Digital (smart) tachograph VDO DTCO with Galileo Navigation Satellite System (GNSS) receiver, OS-NMA service declaration and dedicated short-range communications (DSRC) unit, compliant to EU Mobility package 1 as described in the EU tachograph regulations.**
- **Speed limiter setting for cruise control/accelerator pedal: 90 km/h.**
- DAF Infotainment System: FM/DAB/DAB+ radio integrated in the system as well as streaming functionalities via USB and Bluetooth. Audio information displayed on the digital instrument panel. Controls via right-hand spoke of the steering wheel. Option does not include a separate infotainment display. The Basic speaker system consists of three speakers: two bass speakers in the door panels (one in each door) and a full-range frequency speaker at the centre of the dashboard.
- Combi-antenna for AM/FM, GSM and GPS. GSM ranges 900 MHz, 1800 MHz and GPRS.
- ACC (Adaptive Cruise Control) with FCW (Forward Collision Warning) and AEBS-3 (AEBS: Advanced Emergency Braking System). With ACC a set distance to the traffic ahead can be maintained; safety systems FCW and AEBS assist in avoiding or mitigating the impact of an impending collision with various moving or stationary objects in front of the vehicle, like other road users or crossing pedestrians, by alerting the driver and activating the brakes if necessary.
- Driver Performance Assistant (DPA). Interactive programme to support the driver in achieving the most cost effective driving style. The DPA information is shown on the 5 inch full colour TFT display in the instrument panel.

SAFETY AND SECURITY

- Speed limit recognition informs the driver of the maximum permitted speed, using map-based information and traffic sign recognition via a camera at the front of the vehicle.
- DAF drowsiness & distraction detection assesses the driver's alertness through vehicle system analysis and warns the driver, when deemed necessary. Additionaly, the system monitors drivers focus using visual data.
- Lane Departure Warning System to prevent inadvertent lane changes due to driver's fatigue or distraction and to form an effective driving aid in low visibility conditions.
- Electronic Vehicle Stability Control system (VSC) to enhance the active driving safety. Improved directional stability (understeer, oversteer jack-knifing) and additional roll-over safety.
- Acoustic reverse warning with override switch.
- Basic motor immobiliser with interruption of the starter motor circuit.
- Drive-off Assist informs the driver of vulnerable road users in the front bumper area and, if applicable, warns the driver to prevent collision.
- Safety system that detects and informs the driver of a moving object near the co-driver's side of the vehicle. The system also supports the driver to prevent collisions with other road users when changing lane.
- Preparation for an alcohol interlock system.
- The vehicle supplied by DAF is compliant with UN Regulation R155 concerning cyber security management systems as well as UN Regulation R156 concerning software update management systems.

SUSPENSION AND AXLES

- Front axle type 45N. Parabolic leaf suspension with shock absorbers and stabiliser. Max. load 4.5 tonnes.
- **Single reduction driven rear axle type SR8.14 with electronically controlled 2-bellow air suspension, including shock absorbers and stabiliser. Max. load 8.50 tonnes.**

WHEELS AND TYRES

- Front axle(s): tyre size 245/70R17.5, wheel size 17.5 x 6.75.
- Driven rear axle(s): tyre size 245/70R17.5, wheel size 17.5 x 6.75.
- Supplier Goodyear.
- Tyre pressure monitoring.
- Steel disc wheels, silvergrey.
- Wheel protection rings with open centre section, colour silver-grey (RAL 9006).
- Front axle: tyre size 245/70R17.5, Goodyear type KMAXS2, load index 136/134, speed index M, application Steering - Regional. Tyre label: rolling resistance C (5,60N/kN) - wet grip C - noise 71dB(A), Category A - 3PMSF - M+S - RFID.
- Driven rear axle: tyre size 245/70R17.5, Goodyear type KMAXD2, load index 136/134, speed index M, application Traction - Regional. Tyre label: rolling resistance C (6,00N/kN) - wet grip C - noise 72dB(A), Category A - 3PMSF - M+S - RFID.
- Spare wheel tyre not applicable.

DRIVELINE

- E-Motor EX-M1, 120 kW. Direct drive electric motor. Peak torque 2600 Nm at 0-400 rpm. Max continuous torque 1000 Nm at 0-1100 rpm.
- Up to 150 kW DC or 22 kW AC charging (including AC/DC converter) with CCS2 connector. Charge connection is positioned near front mudguard on the driver side.
- Battery Electric Vehicle.
- Rear axle ratio 4.88.
- Driven rear axle with a mechanical differential lock.
- The ASR (anti-slip regulation) system prevents the driven wheels from slipping when accelerating at driving off and helps the vehicle to remain stable on critical road surfaces.

BRAKE SYSTEM

- Park brake control.

CHASSIS

- **Wheelbase 4.30 m / rear overhang 2.18 m.**
- Side member height 210 mm, thickness 6.0 mm. No inner reinforcement.
- Standard location of chassis components.
- **Battery box position at the left-hand side of the chassis, at rear. Spare wheel carrier at rear.**
- 2 H-type high voltage battery packs, providing 282 kWh installed (available energy: 248 kWh). One battery pack is positioned behind the front axle at the right-hand side of the chassis (position R1), the other one is positioned behind the front axle at the left-hand side of the chassis (position L1).
- Position of charging socket CCS2: at the left-hand side of the chassis, behi nd front axle mudguard. Socket is covered when not in use. Socket is locked when used. Unlock procedure via button in cab.
- Front underrun protection (FUP), according to EU directive 2000/40/EEC.
- **Rear underrun protection.**
- Spray suppression in the mudguards, according to directive 91/226/EEC.
- Rear light brackets.
- Rear light unit with bulbs.

DRAWBAR AND TRAILER EQUIPMENT

- Type plate related solo application, without trailer.
- Closing cross member. D-value = 0kN.

BODIES AND PREPARATIONS FOR BODYING

- Loose supply of a wiring loom with LED-type side marker lights.
- Standard body attachment hole pattern.

POWER TAKE-OFF (PTO)

- **DC connection for 650V 25 kW continuous power output for ePTO applications. Peak power of 35 kW available for a maximum duration of 30 seconds. Power available through the A-connection on the power distribution module, unde the cab. 2-pin High Voltage HVA-HD400 connector required. Voltage HVP-HD1000 connector is rSee BodyBuilder Information+ for extensive information.**

24V POWER SUPPLY

- Batteries 2x 125 Ah.

GVM AND GCM

- Chassis weight related technical GVM max. 12000 kg.
- Driveline related technical GCM equal to GVM.

APPLICATION CONDITIONS

- Application class 0 comprises Western-Europe excluding United Kingdom and Ireland.
- Standard noise level.
- Cold climatic conditions, with temperatures below minus 12 degrees Celsius.
- Maximum ambient temperature 38 degrees.

SERVICE AND MAINTENANCE

- Warranty Plus - Battery Electric Vehicle, takes care of 2 years complete vehicle as supplied by the OEM (excl. real wear parts), unlimited miles and 1st year breakdown.
- ITS service.
- High Voltage battery warranty: 8 years with at least a battery State of Health of 70%.
- A number of parts used to manufacture a vehicle contain SVHCs (Substances of Very High Concern) as defined in the REACH legislation.

VEHICLE DELIVERY

- Whole Vehicle Type Approval (WVTA) for European Union.
- Type plate EEC.
- CoC document printed in Italian (IT) language.
- **Lifting jack.**
- Standard toolkit consisting of a 750 mm control lever, a 30/32 mm wheel nut wrench, a 30 mm box wrench, an approximately 800 mm long torque pipe, a 24/27 mm open end spanner, a T20 and T30/T45 torx screw wrench and a towing coupling with pintle pin.
- CO2 calculation is possible in TOPEC RTS.

CUSTOMER NEEDS

BODY EQUIPMENT

Supply and installation of an ALUMINUM VAN BODY (for 12-tonne vehicles);

Smooth or corrugated white finis;

1,500 kg capacity tail lift with stabilizers and foot-operated controls;

External dimensions (mm) – Length: 6200 – Width: 2550

Internal dimensions (mm) – Height: 2500;

- Small access hatch with gas springs;

- 24 mm thick plywood floor;

- Internal lining (polystyrene and plywood);

- Thermoplastic mudguards;

- Powder-coated black storage box (600 x 400 x 500 mm);

- Internal kick plate (300 mm high);

- Side underrun protection (cyclist guards);

- Interior lighting;

- Clearance lights;

- Side marker lights;

- Rear reflective warning signs;

- ECE 104 reflective conspicuity tape;

- DTT (Department of Land Transport) vehicle inspection/certification

- Side door