

E12 Series

100% Battery Electric Route Bus



Seats 44 or stands 30
Multiple charger solutions
Ultra-low floor with wheelchair ramp
Dual wheelchair areas with back stops
Fitted with EBS, ABS, ASR, ESC

CALL 1800 YUTONG sales@vdi australia.com.au

STANDARD VEHICLE CONFIGURATION

44 x fixed metro type seats in cloth trim, 2 door plus 21 standees
 1 x driver's seat with lap sash belt and headrest
 Two-piece windscreen
 Electronic controlled mirrors with heating
 Full electric reverse cycle air conditioning with fixed outlets
 Bonded dark glass to saloon area
 Steel frame and body panels, full vehicle electro plating for anti-corrosion
 Body skirt panels in aluminium
 Three-piece front and rear bumper bar in FRP
 Reverse camera with colour screen
 Integrated audio system with radio, PA
 Three destination boards fitted
 Seven camera CCTV
 Fully opening easy access front panel

DIMENSIONS

Length: 12,470mm
 Width: 2,500mm
 Height: 3,445mm
 Wheelbase: 6,300mm
 Overhand Front / Rear: 2,740mm / 3,430mm
 Track Front / Rear: 2,050mm / 1,853mm

MASS

GVM (Maximum Permissible) 18 ton

DRIVE SYSTEM

Engine Arrangement: Single rear mounted
 Emission Type: Zero
 Drive Motor Manufacturer: Yutong
 Driver Motor Model: YTZ330XSY-B45
 Motor Control System: Yutong
 Rated Output: 215kW continuous 350kW peak
 Rated Torque: 3200Nm
 Rated Type: LiFe *Lithium Iron Phosphate*
 Rated Capacity: 422kWH or 350kWH
 Battery Management: Yutong
 Battery Thermal Management: Liquid
 Charge Type: DC
 Charger Rate: 60 – 250 amp

ELECTRICAL SYSTEM

Alternator: 24 volt charge from high voltage system
 Battery: 2 x 90 AH / MF

SEATING CONFIGURATIONS

44 x fixed metro type seats in cloth trim, 2 door plus 21 standee
 49 x fixed metro type seats in cloth trim, 1 door plus 30 standees

INSTRUMENTATION

State of charge, air pressure, speedometer, door state, next stop indication

WARNING SYSTEM

State of charge, air light and audible alarm, indicator light, hazard light, parking brake light, high beam light, door fault

PROPELLER SHAFT

Two-piece with slip joint
 Forged ends with 'U' joint at each end

REAR AXLE

Type: ZF AV133
 Capacity: 13,000 kg
 Gear Ratio: 6.19:1

STEER AXLE

Type: ZF RL82
 Capacity: 8,500 kg

WHEEL & TYRE

Type Size: 295 / 80R 22.5
 Wheel: Aluminium 8.25 x 22.5 x 10 stud fixing

STEERING

Type: Integral recirculated ball and nut power assisted
 Column: Tilt and telescopic

SERVICE BRAKE

Type: Full air
 Front: Disc
 Rear: Disc
 Lining: Non asbestos
 Features: Electronic Braking System (EBS), Anti-lock Braking System (ABS), Anti-slip Regulation (ASR), Electronic Stability Control (ESC)
 Park Brake: Spring actuated gradual control valve
 Auxiliary: Vehicle regenerative braking

SUSPENSION

Type: Air suspension with ECAS
 Front: Two air bags
 Rear: Four air bags
 Shocks: Two front, four rear

SAFETY

ECS, Acoustic Vehicle Alerting System (AVAS), Pedestrian Warning System, Yutong Advanced Driver Warning System



For more information
 visit vdiaustralia.com.au

The featured specifications are true and correct as of JUNE 2024 and can change without notification. Vehicle Dealers International reserves the right to discontinue or change the models, features, specifications, option designs and prices of the products referred to in this brochure without incurring any liability whatsoever to any purchaser or prospective purchaser of any such products. Some of the items herein are optional for extra cost. Consult Vehicle Dealers International for the latest information on models, specifications, price options and availability.