

Yutong TCe12 Full Electric, Zero Emission Coach



YUTONG TCe12 SPECIFICATION - UK AND IRELAND

Tried, tested and proven – the TCe12 is part of a zero emission portfolio of over 126,000 vehicles that have covered 26.5 billion kms so far. It's batteries and electric driveline are shared with the Yutong E10 and E12 electric buses and it has a market leading eight year battery warranty.

50 + Courier + Driver

Length (mm): 12,365

Width (mm): 2,550

Height (mm): 3,400

Max. Speed (km/h): 100

Motor: YUTONG single electric drive motor. This motor and driveline is common to all other Yutong electric vehicles.

Front Axle: Yutong A175 Steering axle

Rear Axle: Meritor SR12 Drive axle - the rear axle including all suspension and braking is the same as a conventional diesel vehicle for ease of maintenance.

Suspension: Full ECAS air suspension with twin front air bags and four rear air bags.

Wheels: Alloy wheels with spare wheel and tyre.

Braking System: Air brake system with front and rear disk brakes. Regenerative braking system extends range by up to 40% depending on the route. Air supply from electric drive compressor.

Batteries: LFP (Lithium Iron Phosphate) battery with total of 281kWh capacity. The batteries are provided in 10 modular battery packs. Batteries supplied by CATL who also supply Apple and BMW. Option of 350 kWh battery.

Charging: The TCe12 can be supplied with either a 60kWh or 120kWh DC charger making a full charge possible in about two hours. DC charging is the safest and fastest charging method. Twin CCS2 charger guns enables compatible electric vehicles to be charged as well as the coach.

Range: The vehicle can complete approx. 250 miles on a single charge.

Safety: Yutong YESS battery safety system. All batteries are protected by a nitrogen flame suppression system and are placed in collision protection cages.

Seats: Driver's suspension seat. 50 reclining and side spacing passenger seats with three point seatbelts finished in either moquette, half or full leather. Front courier seat. USB charging point at every seat.

Accessibility: The vehicle is supplied to fully meet PSVAR regulations. An electric chair lift is fitted at the centre doors and front, side and rear destination boards are standard.

Heating & A/C: Independent roof-mounted electric heating and cooling A/C system with 32,000 Kcal/h capacity. Four independent 2.5kWh floor level radiators.

Audio/PA: P.A. System with driver and courier microphones.

Radio/USB player with speakers in driver and passenger area.

(Full entertainment system available as an option).

Warranty: 2 Year whole vehicle warranty

5 Year electric driveline warranty

8 Year traction battery warranty



TCe12 - 50 + 1 + 1

