



VDI / Yutong Battery Electric

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Manager

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Contract Manager



✓ Largest bus manufacturer in the world

- 4 manufacturing bases
- 3.59 million m² (500 football fields) or approx. 180 MCGs

✓ 445-unit daily bus production capacity

✓ 375-unit daily zero emission bus production capacity



NATIONAL – 8 YUTONG SALES AND PARTS CENTRES

NSW

- Yutong Bus Australia Campbelltown
- Yutong Bus Centre Smeaton Grange, Kingsford & Gosford

Queensland

- Yutong Bus Centre Cairns
- Yutong Bus Centre Brisbane

Victoria

- Yutong Bus Centre Melbourne

Western Australia

- Yutong Bus Centre Perth



SPARE PARTS

- ✓ Extensive stock held in Australia including spare parts warehouses in QLD, NSW & VIC
- ✓ Spare parts options available

AFTER SALES SERVICE

- ✓ After sales staff contactable 24 / 7
- ✓ Service options available



VDI /YUTONG BATTERY ELECTRIC BUSES



VDI /YUTONG – BATTERY ELECTRIC BUSES

WARRANTY

8 YEARS / 500,000KM

PROVEN RELIABILITY

- ✓ Over 12 years of electric bus operation
- ✓ Over 44,000 E12 buses operating worldwide
- ✓ Over 520,000km operating experience in Australia



E12 – 422Kwh
Operating on NSW
Contracted Services



E12 – 350Kwh – Operating in Brisbane



First E12 operator trial
commenced in Australia
Jan 2019

Yutong Industry leading Design and Manufacture

VDI /YUTONG – TECHNOLOGY

- ✓ Monocoque design
- ✓ FEA design process
- ✓ Robotically welded
- ✓ Frontal impact protection barrier
- ✓ Fire prevention panels in high-risk areas



Vehicle is completely electro plated via the Yutong (DURR) 18 stage process



Robot welding and painting



VDI /YUTONG – SAFETY



Rain test



Climbing test



Wading test



High speed loop test

SAFETY AND QUALITY CONTROL ARE AT THE CENTRE OF YUTONG PRODUCTION



YESS – Yutong Electric & Battery Safety Protection Standards

VDI /YUTONG – SAFETY

DOUBLE THE SAFETY

Yutong's safety standards have been upgraded again to escort the safe operation of new energy buses.



➤ 5 PROTECTION SYSTEMS



Vehicle Protection



System Protection



Battery Pack Protection



Parts Protection



Monitoring Protection

Click on this button to
see a YouTube video
on YESS – open
internet browser

[Yutong YESS Technology - YouTube](#)

World Leading Battery Safety Technology



VDI /YUTONG – WARRANTY / SERVICE

- ✓ Full Vehicle Warranty: 8 year / 500,000km whichever occurs first
- ✓ 10-year structural warranty on the body frame, chassis frame and all other frame and panel components
- ✓ 10 years for corrosion on the entire bus
- ✓ 10 years for floorboards, floor covering, insulation and floor hatches,
- ✓ Battery Warranty: 8 years / 500,000km, No charge cycle limit, battery degeneration to not drop past 70% maximum capacity
- ✓ No special requirements are needed for the general maintenance of the Yutong vehicle
- ✓ Service training is provided to install knowledge & understanding of the vehicle from the outset
- ✓ Technical & service support will continue throughout the whole life partnership

Major service requirements

- ✓ Wheel hub bearing grease replacement at 250,000km
- ✓ Drive axle oil replacement 250,000km
- ✓ New energy cooling system coolant replacement at 24 months
- ✓ Drive motor bearing replacement at 350,000 km
- ✓ Battery stabilisation every 12 months (vehicle to be left on for 24hr period)

