



C12E series

FULL ELECTRIC | ZERO EMISSION



C12E 100% Full Electric School / Charter / Mine Bus

Low energy consumption

Multiple charger solution for any type of customer

Electronic shock and fire resistance

YESS Electric vehicle safety and Fire Mitigation System

Configured to have 57x fixed ADR Seats & 53x reclining Seats

vdiaustralia.com.au
yutong.com.au



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MODEL

C12E

SEAT CONFIGURATIONS

1 x drivers suspension seat with lap sash belt & head rest
57 x fixed ADR68 seat belted seats in cloth
51 x reclining ADR68 seat belted seats in cloth
53 x reclining ADR68 seat belted seats in cloth

STANDARD VEHICLE CONFIGURATION

57 x fixed ADR68 seat belted seats in cloth
Two piece windscreen
Electric controlled mirrors with heating
Full electric reverse cycle air conditioning with individual outlets
Separate driver's area air conditioning
Bonded dark glass to saloon area
Frame & body panels steel full vehicle electro plating for anti corrosion
Body skirt panels in aluminium
Three piece front and rear bumper bars in FRP
Integrated infotainment system with radio, PA, USB, MP4
Passenger door system to TS155 spec
Fully opening easy access front panel
Two luggage doors per side

DIMENSIONS

Length	12,370mm
Width	2,500mm
Height	3,610mm
Wheel Base	6,450mm
Overhang Front / Rear	2,600mm / 3,320mm
Track Front / Rear	2,050 mm / 1,853 mm

GROSS VEHICLE MASS

GVM (Maximum Permissible)	18,000 kg
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DRIVE SYSTEM

Engine Arrangement	Single rear mounted
Emission Type	Zero
Drive Motor Manufacturer	Yutong
Drive Motor Model	TYZ400XSYTB49
Motor Control System	Yutong
Rate Output	215Kw
Rated Torque	1260Nm
Battery Type	LiFe "Lithium Iron Phosphate"
Battery Capacity	350Kwh
Battery Management	Yutong
Battery Thermal Management	Liquid
Charger type	DC
Charge rate	60-230 amp

TRANSMISSION

Nil

INSTRUMENTATION

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

WARNING SYSTEM

State of charge, air light & audible, 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	Full Floating Banjo
Capacity	11,500 kg
Gear Ratio	5.625:1

STEER AXLE

Type	Reverse Elliot "I" Beam
Capacity	6,500 kg

WHEEL & TYRE

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

STEERING

Type	Integral recirculated ball & nut Power assisted
Column	Tilt and telescopic

SERVICE BRAKE

Type	Full air
Front	Disc
Rear	Disc
Lining	Non asbestos
Features	ABS, EBS, ASR, ESC
Park Brake	Spring actuated gradual control valve
Auxiliary	Vehicle regenerative braking

SUSPENSION

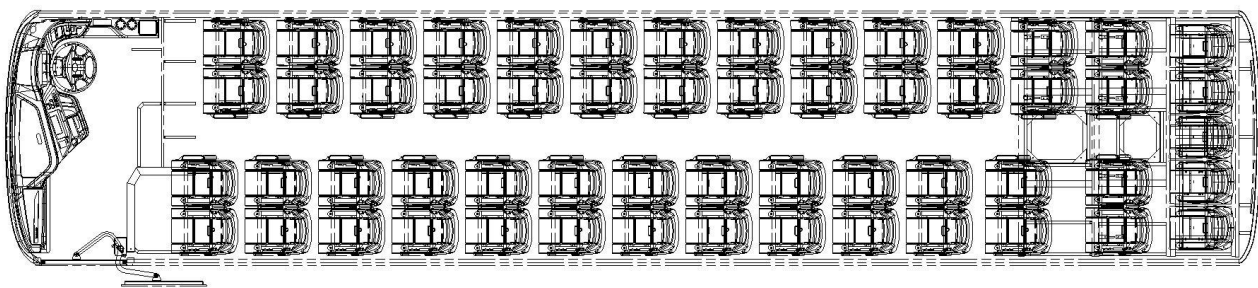
Type	Air suspension with ECAS
Front	Two air bags
Rear	Four air bags
Shocks	Two front, Four rear

ELECTRICAL SYSTEM

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

SAFETY

ESC
ADAS driver warning system
AVAS Pedestrian warning system
YESS Battery Safety



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