



D12ULF series



Ideal for urban services and commuter routes

Customised for the Australian market

Featuring mainstream high-end configuration

Large interior space for passenger movement

Flexible space for wheelchairs

Optimised for driver convenience and to reduce fatigue

Seats 40–44 / Standees 30



D12ULF series

MODEL

ZK6131HG1

SEAT CONFIGURATIONS

1 x Drivers suspension seat with lap sash belt & head rest
 40 x fixed metro type seats in cloth 2 door plus 30 standees
 44 x fixed metro type seats in cloth 1 door plus 30 standees

STANDARD VEHICLE CONFIGURATION

40 x fixed metro type seats in cloth 2 door plus 30 standees
 Two piece windscreen
 Electric controlled mirrors with heating
 Ducted air conditioning with individual outlets
 Bonded dark glass to Sallon area
 Frame & body panels steel fully vehicle electro plating for anti corrosion
 Body skirt panels in Aluminium
 3 piece front and rear bumper bars in FRP
 Reverse Camera with colour Screen
 Integrated audio system with Radio, PA.
 Passenger door system to TS155 spec
 3 destination boards fitted
 7 Camera CCTV
 Fully opening easy access front panel

DIMENSIONS

Length	12,170mm
Width	2,500mm
Hight	3,645mm
Wheel Base	6,500mm
Overhang Front / Rear	2,620mm / 3,330mm
Track Front / Rear	2,050 mm / 1,853 mm

GROSS VEHICLE MASS

GVM (Maximum Permissible) 18,000 kg

ENGINE

Engine Arrangement	Rear
Emission Type	Euro V & VI
Model	Cummins ISB8.9E5360
Engine Type	6 Cylinders, Turbocharged & Charge Air Cooled
Bore & Stroke	114mm (4.49 in) x 144.5mm (5.69 in)
Displacement	8900cc
Rate Output	270kw (360hp) @ 2500 RPM
Rated Torque	1600 Nm / 1200-1300 RPM
Compression Ration	17.1:1
Fuel Injection	Common rail
Maximum Speed	100 Km/h

TRANSMISSION

Make	ZF
Model	Ecolife
	1st - 3.36 2nd - 1.86
	3rd - 1.41 4th - 1.00
	5th - 0.75 6th - 0.62
	Reverse - 4.23

INSTRUMENTATION

Tachometer, Air pressure, cruise control
 Speedometer, Fuel, Coolant temperature
 Oil Pressure, Adblue

WARNING SYSTEM

Oil Light & audible, Water Light and audible, Air Light & audible, Indicator light, Hazard light, Charge light
 Parking brake Light, High beam light, Adblue light, Engine fault light.

AIR CLEANER

Dry element

PROPELLER SHAFT

2 piece with slip joint
 Forged ends with "U" joint at each end

REAR AXLE

Type ZF AV132
 Capacity 11,000 kg
 Gear Ratio 5.13:1

STEER AXLE

Type ZF RL85A
 Capacity 7,500 kg

WHEEL & TYRE

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

FUEL TANK

300 Litres

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
 Park Brake Spring Actuated Gradual Control Valve
 Auxiliary Multi Stage Hydraulic Transmission Mounted Retarder

SUSPENSION

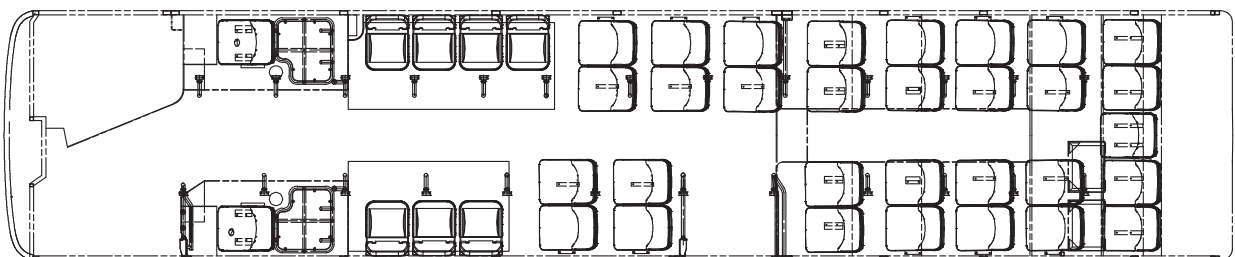
Type Air suspension with ECAS
 Front 2 Air Bags
 Rear 4 Air bags
 Shocks 2 front 4 rear

ELECTRICAL SYSTEM

Alternator 24v 180 amp
 Battery 2 x 150 AH / MF

DRIVER SAFETY

Mobileye advanced driver warning system optional



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