



Semi-Low Floor Bus

Front Engine

56 + 1 seats



**PK 6110 HQ G 1 / 2 / 3, Smart Driving Bus**



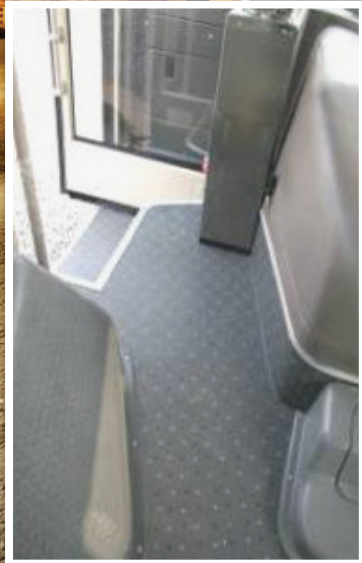
# Chassis



Chassis		Anyuan Brand
Wheel Base		5,800 mm
Overhang Front/Rear		2,545 / 3,255 mm
Suspension	Front	Leaf-spring 10 mm (W 90 mm)
	Rear	Leaf-spring 13 mm (W 90 mm)
Front Axle		Factory STD
Rear Axle		Factory STD
Transmission		Manual 6F + R ZF Tech
Propeller Shaft		Enhanced Shaft
Braking		Hydraulic/Air
Tire		275 / 70R22.5
Steering		RHD - Power Assisted
Retarder	Rear Axle	Electromagnetic Eddy Current
Diesel Reservoir		240 L
Kerb Weight		11,900 kg
Gross Vehicle Weight		16,500 kg



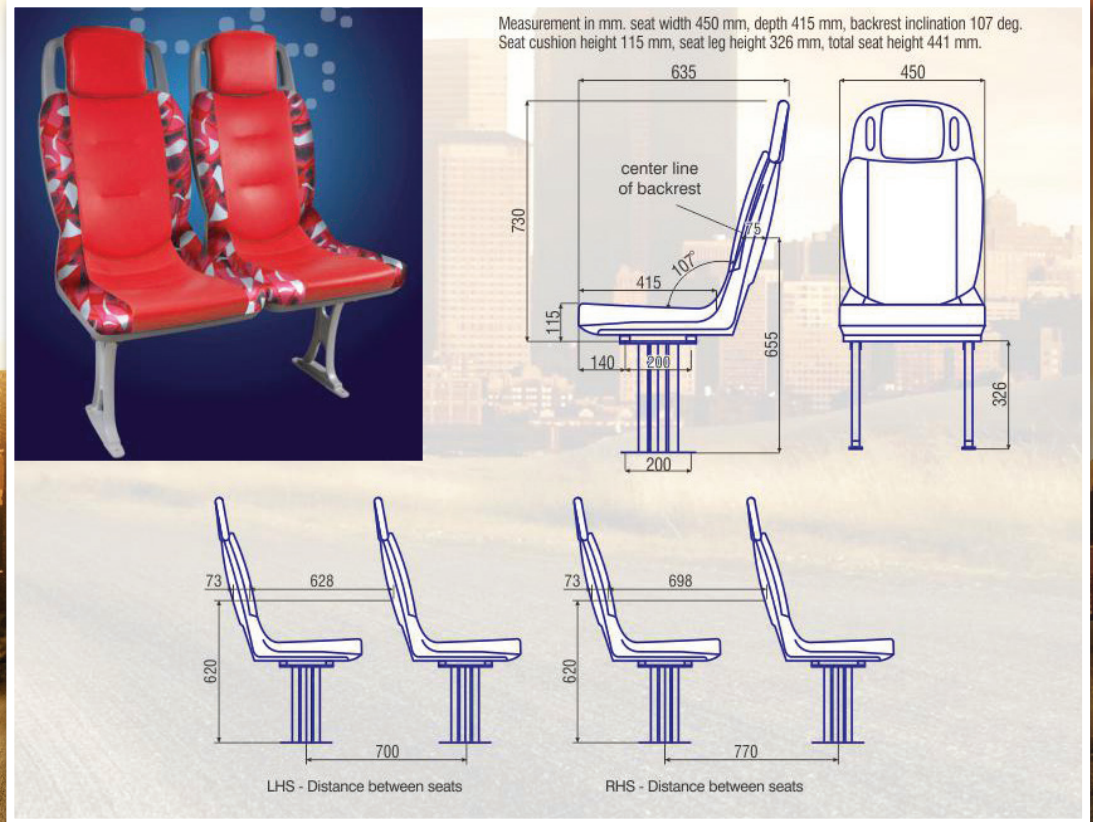
# *“ Smart Bus with brand New Design For City, Passengers and You ”*



Delighting with reliability and practicality, special considerations have been taken into account from safe driving concept, noise reduction and adapted leaf spring suspension to the general layout of complete buses. All thoughtful and rightly decided concepts make your journey untiresome and pleasant.



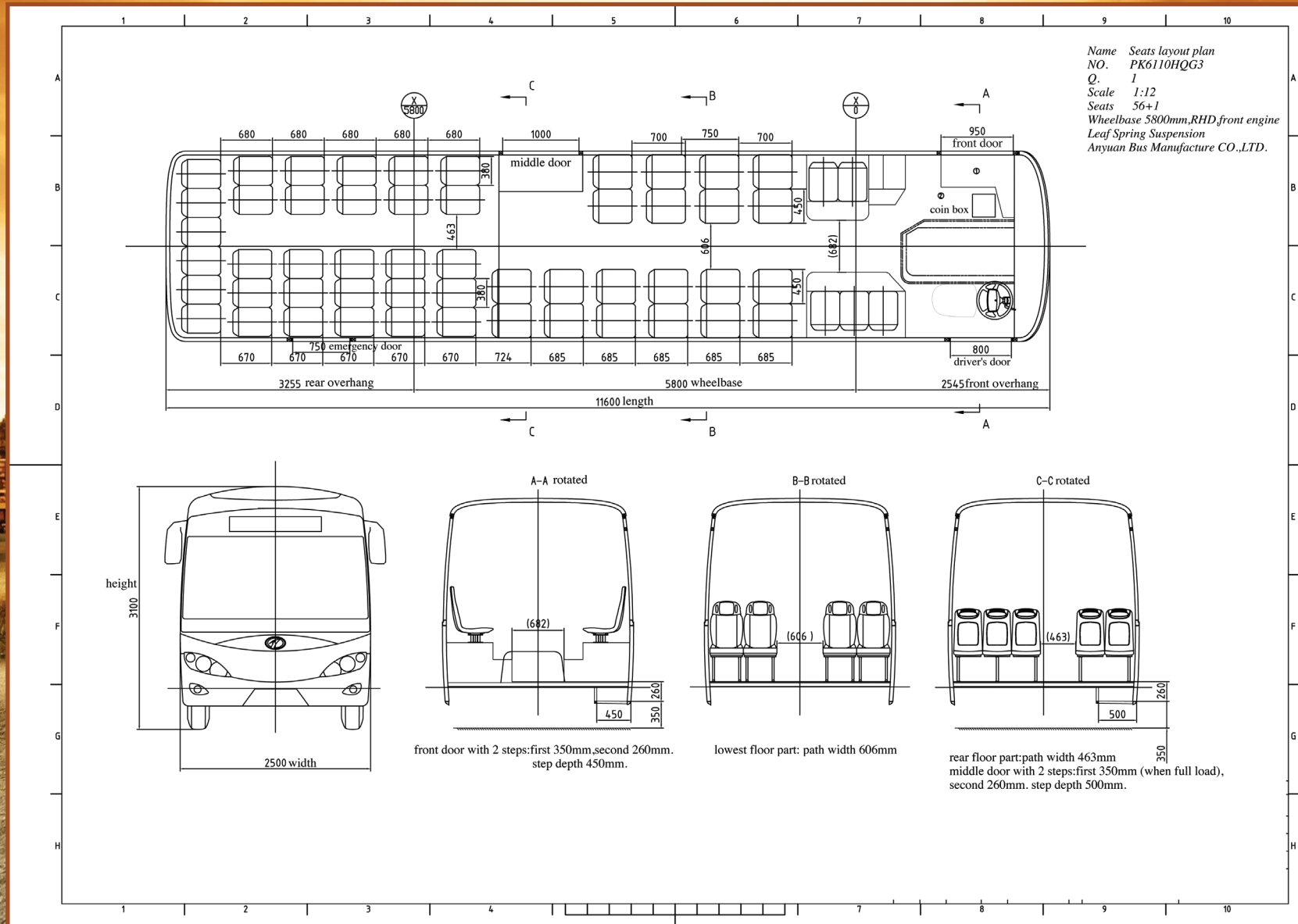
# “ Driver’s Cabin and Passenger Seats ”



Ergonomically designed seats for passengers comfort.



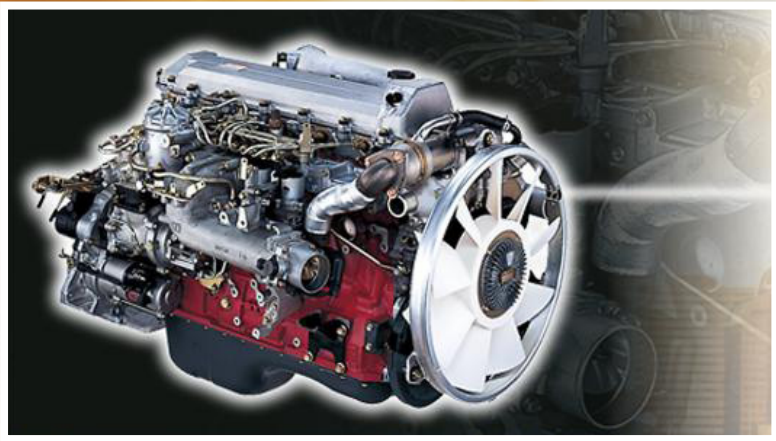
# “ Passengers’ seats layout 56 + 1 sitting facilities & 10 standing 51 seats facing forward & 5 seats sideways”





# “Exceptional driving comes from Exceptional Engineering”

## COMMON RAIL TURBO CHARGED ENGINE Diesel Power - Endurance Technology



*Turbo charged inter-cooled HINO J 08 E-UU engine produces a maximum of 181 kw @ 2500 rpm at a compression ratio of 18:1.*

The *EURO III* common rail Direct Injection enhances an exceptional fuel economy of *25 L / 100 Km* compared to conventional buses and city buses with rear housed engines.

The Manual Transmission *6 + 1 Speed ZF Technology* provides an optimized gear tooth shape and precision matching.

ENGINE PARAMETERS	
Engine Model	J08E-UU
Engine type	In-Line 6 cylinder,4 stroke, 4 valve, water cooled, direct injection engine.
Intake way	Turbocharged Inter-cooled
Bore x Stroke	112 mm x 130 mm
Displacement	7,684 L
Compression ratio	18:1
Rated power/speed kW (e/min)	181/2500
Max torque/speed Nm (r/min)	745/1500
Max engine speed	2800 + 30 r/min
Idling	550 r/min
Fuel system	Electronic controlled Common rail Injection System
Fuel consumption rate	252/100 km
Fuel	Light diesel
Dry weight	About 640 kg
Dimension (l*W*H)	About 1190 mm*910mm*932mm
Firing sequence	1-4-2-6-3-5
Noise's sound pressure level	97 dB(A)
Exhaust gas turbo charger model	Gt 3576
Manufacturer	Honeywell Turbocharging System Japan ( GARRETT TURBO INC)



# “ANYUAN Passengers Bus demarcates Greater Value With Leading Technologies.”



Quality Assurance System

Precision originates from carefulness,  
Standard starts from strictness

**SAFETY  
FIRST**



#### Four wheel positioning

The renowned professional four-wheel orientator for the bus has been adopted for precise positioning.

#### Brake performance inspector

Brake performance inspector makes every manufactured bus meet the national standards, ensuring the stability and reliability for each one's brake system.



#### Tail gas inspector

Tail gas inspector can ensure every manufactured bus meet the requirements of national environment protection regulation, embodying the advantage of Anyuan bus “Attention to people”



#### Noise inspector

Ensure each bus to meet the international standard, and bring the comfort to the all.

#### Rain test

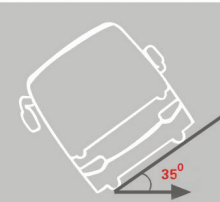
Rain test can show the airproof performance of the whole bus, and the effect of anti-rain and anti-dust, make the passengers sit comfortably.



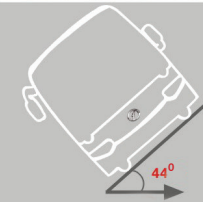
Center of gravity measure

The center of gravity measure method ratified by Australian ADR regulation has been adopted. Precise design and calculation can ensure the stability of the centre of gravity of the whole bus.

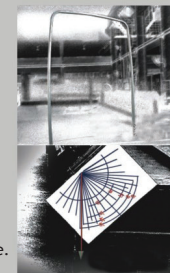
The whole bus side tumbling experiment



International standard for side tumbling tilt angle is 35°



Anyuan bus exceeds the international standard, the same angle is 44 degree.



After the strict side tumbling experiment, Anyuan bus meets the relevant regulation of Australian ADR. The international standard for the side tumbling title angle is 35 degree, and Anyuan bus has been experimented to be 44 degree finally. After the big bus loading to the ground, the whole body remains nearly perfect besides the front windscreen and the side glass breaking at a few pieces. The test pointer shows no insertion, and the framework of the bus is not on distortion. The success of this test informs us of our products meeting or exceeding the international standards on technology and safety, meanwhile, Anyuan bus has been granted the certificate of ADR successfully, and to be the only chinese bus allowed to be sold in Australian market.

Imported steel has been adopted, combined the design of lightweight design, made the whole bus lighter 300-500 kg than the same type of other brand domestic comfortably.



BODY SPECIFICATION AND DIMENSIONS			
External Dimensions			
Overall Length	11,600 mm		
Wheelbase	5,800 mm		
Overhang	Front	2,545 mm	
	Rear	3,255 mm	
Overall width	2,500 mm		
Overall Height	3,100 mm		
Internal Dimensions			
Height along centre of gangway	2,390 mm		
Width	2,400 mm		
Height of lowest point	2,300 mm		
Passage width (gangway)	Front Wheel Archs	682 mm	
	Area A	606 mm	
	Area B	463 mm	
Cross passage way	430 mm		
Capacity			
Number of passengers seated	56		
Steps			
No. of steps	Front	Qty	2
	Rear	Qty	2
Height of 1st step from ground level	Front Door	350 mm	
	Rear Door	350 mm	
Height of 2nd step from 1st step	Front Door	260 mm	
	Rear Door	260 mm	

Comfort	
Mirrors	Manual Rabbit Ears Rear View with Convex lenses to see tii end of both aisles.
Destination Indicators (Led Type)	Front 1,300x350 mm Rear 1,300x350 mm Side 1,200x300 mm
Safe	Locked Drawer
Speed Limiter	Yes, Set at 70 km/hr
Direction Indicators (Height)	Below low edge of roof
Driver's Cabin	Flaps Behind Driver Wireless Apparatus Mp3 + USB Driver's Fan Yes Reverse Camera & Monitor Yes Electronic Clock Yes
Driver's Sunshade Curtain	Manual Single Autolock
Flooring	Bamboo 12 mm + Vinyl
Reversing Monitor	Yes
Safety	
Vehicle Frame	0235 Steel Galvanised
IC Card Machine	Yes
Space for Coin Box	Yes
Passenger Screen	2 Units
Safety Skylight	Optional Air Ventilation
Camera Interior with Recording System	Automobile Data Recorder
Bell Switches	At Each Row of Seats

## New Thinking with New Technology

A nation expectation towards people mobility is to be more than just a convenient means of transportation. The old understanding of buses has become outdated. A smart bus changes individual lifestyles and it becomes an integral part of their ageing lives. The motor industry has experienced changes in the population tastes and has kept abreast with rapid technological changes.

Hence this is an opportunity to move forward and we have designed and developed a new style that encapsulates our willingness to take a big leap. With the new thinking underlying it, we will become a company that keeps challenging itself to unlock new avenues for people and the nation at large.

## Dworld Motors Co Ltd

100 Royal Road, ATLAS Building  
Coromandel, Mauritius

Tel: (230) 233 1100 Fax: (230) 233 0090

Email: [info@dieselworldltd.com](mailto:info@dieselworldltd.com)

Web: [www.dieselworld.com](http://www.dieselworld.com)