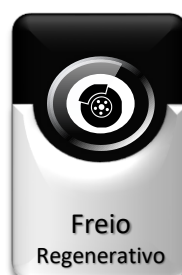


AZURE PADRON- Bateria



O **AZURE PADRON** de 12,5 metros, é o ônibus elétrico mais eficiente da mercado, com emissões zero. É ideal para cobrir as necessidades do transporte público urbano. Tem autonomia aproximada de 270 kms por carga e atende todos os padrões e homologações brasileiras (Tipo Básico SPTRANS)..

O **AZURE PADRON** é alimentado por baterias de íon-lítio CATL, com capacidade de até 385 Kwh. A CATL é uma das principais fabricantes mundiais de baterias, com parcerias de fornecimento para fabricantes globais de veículos, incluindo **Toyota, Mercedes Benz, Jaguar grupo BMW PSA e Higer Bus**. Cada veículo também é entregue com sua própria infraestrutura de carregamento rápido CCS2. DC. , fornecendo uma carga completa em menos de quatro horas, garantindo um alcance de 270 kms

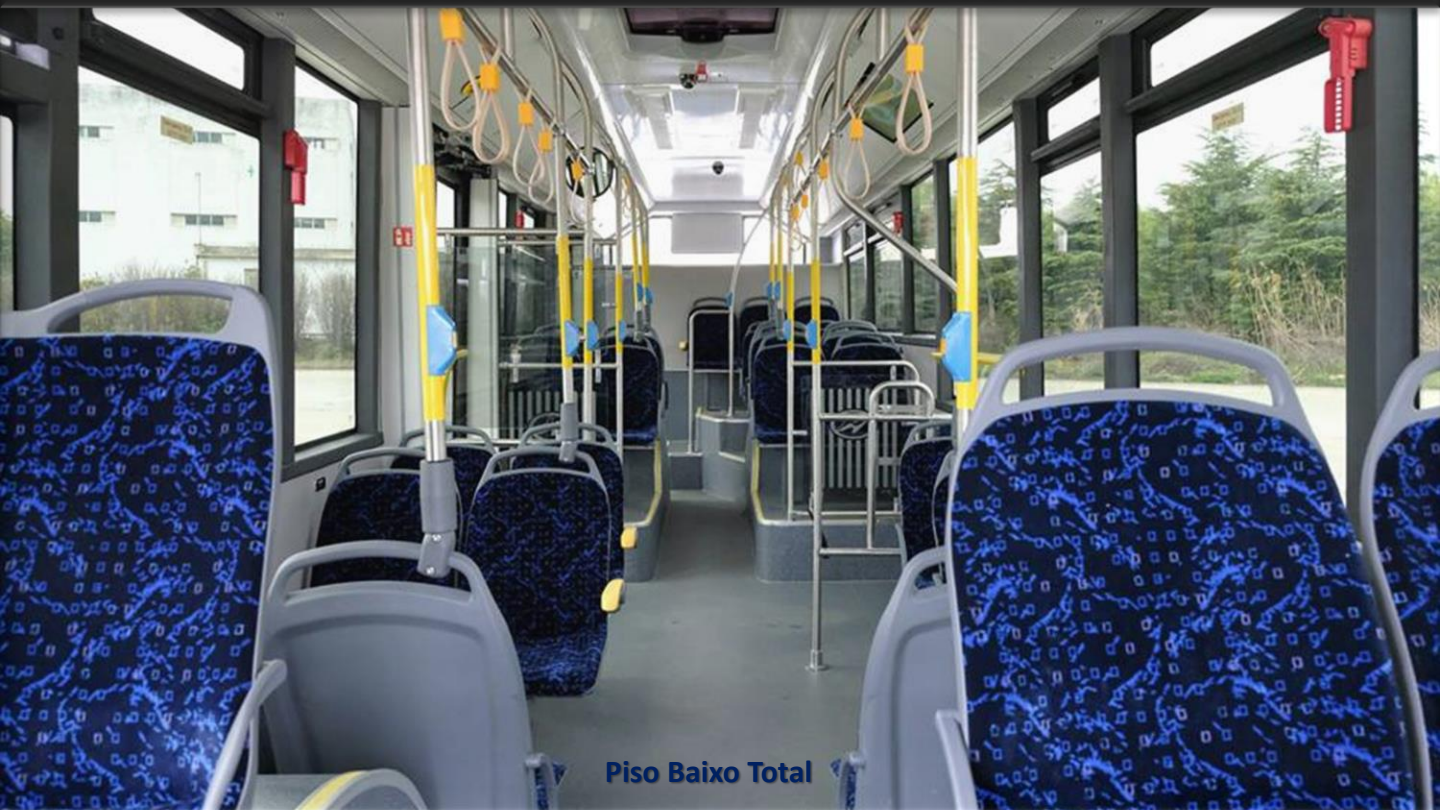


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Higer Bus Company Limited - 金龙联合汽车工业（苏州）有限公司 - Address: No. 288 Suhong Road Suzhou Industrial Park, Suzhou P.R.China P.C.:215026 – Tel: 0086 512 62584266 Fax: 0086 512 62582150 - 中国 江苏省 苏州市 苏州工业园区 苏虹东路288

AZURE PADRON- Bateria



Higer **AZURE PADRON** também lidera a taxa em termos de acessibilidade e conforto dos passageiros, com piso total LOW FLOOR com rampa para cadeira de rodas, assentos confortáveis, corredores largos. Os recursos adicionais incluem ar condicionado ecológico, WIFI, conectores USB para celulares, vidros com tratamento UV. O **AZURE PADRON** tem uma capacidade máxima de passageiros de 80 passageiros



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AZURE PADRON- Bateria

AZURE PADRON Low Floor CityBus(Electric Version)	
Total dimension (mm)	12500*2530*3335
Wheelbase (mm)	5930
Wheel Track (mm)	Front 2103 / Rear 1833
Front / Rear Overhang (mm)	Front 2700 / Rear 3570
Approach / Departure Angle	≥8 / ≥7
Minimum Ground Clearance (mm)	≥370
Bus Interior Height (mm)	≥2100
Maximum Passenger Capacity	Seats 33, maximum capacity of 80 passengers
Total Running Weight / Front / Rear (kg)	1400
Maximum Allowable Bus Weight Total / Front / Rear (kg)	21000 (8.500/12.500)
Parking Capacity On Slope (%)	18%
Stopping Distance (m)	≤10 (Initial Speed 30km / h , Full Load)
Maximum speed (km / h)	≥80
Maximum speed in case of full load (km / h)	≥70
Ability to climb slope in case of full load (%)	≥20
Bus Autonomy (km)	250-270 KMS

Electric System

Motor	
Brand and model	DANA TM4 SUMO HD
Type	Permanent Magnet Synchronous Motor
Position	Rear
Peak Power (kw)	370 Kw
Continuous Power KW	260 KW
Peak Torque Nm	3445 Nm
Continuous Torque Nm	1970 Nm

Max Operating Speed	3400 Rpm
Engine Weight	340 Kgs

Battery

Brand	CATL
Battery Type	Lithium Iron Phosphate
Nominal Capacity (AH)	271
Nominal Voltage (V)	637.56
Working Voltage Range	495 ~ 722.7V
Density (wh / kg)	141
Pack Quantity	12
Storage Capacity (kWh)	385 kWh
Battery Weight (kg)	1400
Site	7 Packs
Type of load	Plug
Warranty	8 years or 500,000km
Charge Station of 160 Kwh	less than 3 hours to recharge

BODY	
Air Conditioned	Valeo Air Conditioning CC 355- E REVO®-E 110.000 BTU/h (32 Kw)
Player	Hard Drive Player With Radio Function
Digital clock	With sample of temperature and humidity
WIFI Equipment	Equipped
USB Charging Interfaces	Equipped With USB Interfaces, Installed To Side Wall Next To Seats And Wheelchair Area
Monitoring system	Front Camera Of The Bus For The Streets Front And Medium Door Cameras Camera For Passenger Area (Equipped In The Central Interior Of The Roof To The Back) Reverse Camera With 500 G Memory Hard Drive
Megaphone	Equipped
Destination Sign	4 units, one front, one rear and one side on the right side
Reverse Buzzer	Equipped
Side Window Type	The Top With Sliding Window And Closed Back
Side And Rear Window Color	Light Gray, With Light Transmittance Between 50% - 70%
Driver Window Type And Color	Sliding Window, Transparent Color
Driver's seat	Grammer Air Suspension Seat With 3-Point Seat Belt
Passenger Seat	33 Urban Nylon Split Type Seats, 1 Wide Urban Seat, 1 Folding Seat In Wheelchair Area
Bus Interior Light	LED Lights With Two Rows
Front light	Round LED Split Headlights, Daytime Running Light
Rear headlight	Round LED Split Headlights , High Position Brake Light
Handrails And Bars	Aluminum Alloy, yellow Color
Bus Down Button	A Warning Light To Remind The Driver In Case There Is A Passenger Take The Down Button. On Each Vertical Bar Equip A Button. Special button for wheelchair area with different sound than others to remind the driver
Hatch	2 Units With Fan Function
Safety Hammer	Equipped Beside Side Window
Rear-view mirror	Electric
Doors	Front, Medium and Rear, With Two Door Doors, Open Inward ; Prevent Being Trapped By Passengers; The bus cannot be driven when the door is open; The door cannot be opened when the bus is in operation
Wheelchair Area	With Folding Seat, Handrail, Wheelchair Zone Symbol (Seat Belt Utility Introduction), Special Chime For Disabled To Get Off The Bus, USB Interfaces
Complete Separation For Driving Zone	With door
Floor	anti rolling leather oid
Manual Plate for Wheelchair Disabled	Equipped In The Medium Door
Medicine Box	Equipped Behind The Driver Zone
Chassis Information	
Front Axle	ZF GERMAN
Rear axle	ZF GERMAN
Suspension	WABCO De Aire, Con ECAS
Corridor type	Low Floor Total
Direction system	Bosch
Steering Pump	Asistida Electrica
ABS	Wabco Disc Brake, Wabco EBS, ABS and ESC
Tires	295/80R22.5
Spare tire	No Hay
Brake Recovery System	SI - Equipado



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