YAXING

YANGZHOU YAXING MOTOR COACH CO.,LTD.

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YAXING

ASIASTAR NEW ENERGY

PRODUCT MANUAL



X9-City EV Star（Pure Electric)





Side wall



Full LCD dashboard



Front wall



Back wall



Seat interior

Model	JS6120GHBEV
Item	Specifications
Dimensions(mm)	12180x2550x3420（air conditioner）
Electromotor	Permanent-magnet synchronous motor(peak power350kw, peak torque 3500N.m)
Battery capacity/ brand	243.43Kwh\365.14Kwh\289.95Kwh\434,93Kwh
Endurance mileage	The cruising range on a single charge is 200km to 350km(depends on battery option)
Maximum gradeability	20%
Curb weight/ Maximum total weight(kg)	11700(242.3kwh); 12000(281.9kwh); 12600(363.4kwh); 13000(422.9kwh)/19500
Braking system	Dual-circuit pneumatic brake, front and rear disc brakes, energy storage spring parking brake, electric auxiliary brake(motor energy recovery), WABCO valve with exhaust muffler, aluminum air reservoir, WABCO EBS3 4S/4M
Lubrication system	Automatic centralized lubrication system
Tires	275/70R22.5
Body structure	Full monocoque structure, high-strength rectangular tube frame + steel stamping parts skin, whole bodywork cathodic electrophoresis treated
Interior	Luxury interior with air-conditioner(PU duct with LED lights), double long strip LED ceiling lights, aluminum handrails, guardrails
Seats	Luxury passenger seat with soft cushion, USB interface, luxury adjustable driver seat
Destination sign	Front, rear and side electronic destination signs(LED)
Floor	Low floor; bamboo plywood floor and wear-resista nt floor leather

JS6108GHFCEV2





Side wall



Driving area





Front wall Back wall



Seat upholstery

Model	*JS6108GHFCEV2*
Item	*Specifications*
Dimensions	*10500×2550×3420*
Body structure	*Monocoque body structure*
Tire	*275/70R22.5 tubeless radial tire (vacuum tire), ordinary steel rim, without spare tire*
Maximum gradeability	*7°/7°*
Maximum speed	*69km/h*
Motor	*Weichai TZ460XS10007 permanent magnet synchronous water-cooled motor with speed limit device (below 69km/h)*
Driving mode	*Motor direct drive*
Battery	*CATL (CATL) 105.2kWh (3 boxes), rear layout*
High voltage electronic control	*Multi in One System*
Steering pump	*Dual source electric steering pump*
Electric air compressor	*Piston electric air compressor (with oil)*
Charging port/ charging mode	*External charging interface (PLUG-IN interface)*
Front and rear axles	*Hande 7.5T disc gantry front axle Hande 11.5T disc rear axle (precision grinding gear)*

JS6112GHBEV



Side wall



Driving area





Front wall Back wall



Seat upholstery

Model	*JS6112GHBEV*
Item	*Specifications*
Dimensions	*10850x2550x3420*
Body structure	*Monocoque body structure*
Tire	*275/70R22.5 tubeless radial tire (vacuum tire), ordinary steel rim, without spare tire*
Maximum gradeability	*6.4/6.3*
Maximum speed	*80km/h*
Motor	*DANA MD130 peak power 245kw，peak torque 3329N.m*
Driving mode	*Motor direct drive*
Battery	*CATL (CATL) 243.43kWh /289.95kWh/365.14kWh*
High voltage electronic control	*Multi in One System*
Steering pump	*Dual source electric steering pump*
Electric air compressor	*Piston electric air compressor (with oil)*
Charging port/ charging mode	*External charging interface (PLUG-IN interface)*
Front and rear axles	*GK front axle with low floor, rated loading 8T GK rear axle with low floor, rated loading 13T*

JS6690GHBEV（Pure Electric）





Side wall

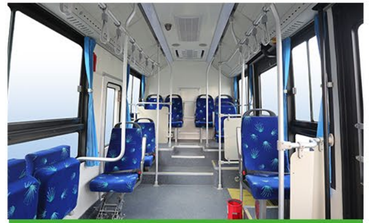


Driving area





Front wall　　Back wall



Seat upholstery

Model	JS6690GHBEV
Item	Specifications
Dimensions	6690X2260X3060
Max.GVW(KG)	9900
Tire	215/75R17.5
Maximum gradeability	≥15%
Maximum speed	70km/h)
Rated passenger capacity	12+3Folding+1+28standing
suspension	Air suspension
Driving motor	DANA MD90 peak torque 1900 N.m peak power 170kw
Front and rear axle	Front independent suspension, rated loading 3.5T (Front disc brake) Rear axle, rated loading 6.5T(Rear disc brake)
Steering pump	Electric power steering pump
Electric air compressor	Piston electric air compressor (no oil)
Charging port	European standard CCS2 / American standard CCS1

YBL6119HBEV（Pure Electric）





Side wall



Driving area





Front wall　　Back wall



Seat upholstery

Model	YBL6119HBEV（Pure Electric）
Item	Specifications
Dimensions	10990×2550×3670（Air-con）3525(no Air-con)（mm）
Body structure	Monocoque structure（Lightweight construction）
Tire	295/80R22.5
Maximum gradeability	≥18%
Maximum speed	90（km/h）
Motor	DANA MD130Permanent magnet synchronous water-cooled motor
Driving mode	Motor direct driving
Battery	Lithium iron phosphate battery
High voltage electronic control	Four in one system
Steering pump	Dual source electric steering pump
Electric air compressor	Piston electric air compressor (no oil)
Charging port/ charging mode	GB/T20234.3-2015；Europe ICE；USA SAEJ1772；Japan CHAdeMO/trickle charge
Front and rear axles	6.5T/11.5T(11T)

YBL6121HBEV（Pure Electric）





Side wall



Driving area





Front wall　　Back wall



Seat upholstery

Model	YBL6121HBEV (Pure Electric)
Item	Specifications
Dimensions	12000x2550x3670(Air-con)3525(noAir-con)(mm)
Body structure	Monocoque structure (Lightweight construction)
Tire	295/80R22.5
Maximum gradeability	18%
Maximum speed	90 (km/h)
Motor	DANA MD155A-E Permanent magnet synchronous water-cooled motor
Driving mode	Motor direct driving
Battery	Lithium iron phosphate battery
High voltage electronic control	Four in one system
Steering pump	Dual source electric steering pump
Electric air compressor	Piston electric air compressor (no oil)
Charging port/ charging mode	GB/T20234.3-2015; Europe ICE ; USA SAEJ1772 ; Japan CHAdeMO/trickle charge
Front and rear axles	6.5T/13T

JS6181GHBEV（Pure Electric）





Side wall





Front wall　　Back wall



Seat interior

Model	JS6181GHBEV
Overall dimension (mm)	18000X2550X3420
Front overhang/wheel base/rear overhang (mm)	1200/3800/1000
Rated passenger capacity	58+4+1/75
Body structure	Monocoque
Floor structure	Low floor
Tyre type	Michelin 275/70R22.5 tubeless tire　Middle and rear axles are equipped with enclosed and detachable covers Tire Pressure Monitoring System (TPMS)：Internal type
suspension	Air spring suspension with WABCO ECAS electric lifting system and kneeling system
Maximum speed (km/h)	70
Driving motor	Central drive Motor on rear axle
Power battery	lithium iron phosphate
axle	ZF low floor axle
Charging port	EU CCS Type 2 socket

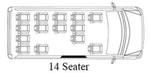
WEICHAI Eurise Commercial Vehicle

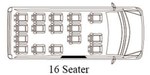


Seat Layout

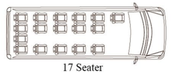
Standard-5.9m

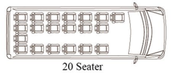




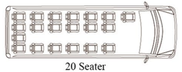


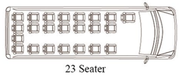
Long-7.0m





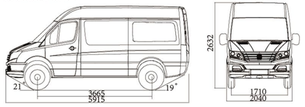
Extra Long-7.5m





Dimensions (mm)

Standard-5.9m



Eurise Commercial Vehicle	Electric Cargo Van			Electric Passenger Van			Electric Chassis Cab		
	Model			Model			Model		
	YBL6590EVL	YBL6700EVL	YBL6750EVL	YBL6590EV	YBL6700EV	YBL6750EV	YBL6590EVCC	YBL6700EVCC	YBL6750EVCC
WEIGHTS									
GVM(kg)	4550	6500	6500	4550	6500	6500	4550	6500	6500
Kerb Weight (excluding driver,kg)	3300	3750	3900	3350	4600	4850	2800	3100	3200
Max Front Axle Load(kg)	2000	2100	2100	2000	2100	2100	2000	2100	2100
Max Rear Axle Load(kg)	2700	4400	4400	2700	4400	4400	2700	2700	4400
Payload(excluding body,kg)	1250	2750	2600	—	—	—	2800	3400	3300
Towing Capacity(unbraked,kg)	2685	4125	3900	2160	2850	2475	4200	5100	4950
MOTOR									
Motor Type	PMSM	PMSM	PMSM	PMSM	PMSM	PMSM	PMSM	PMSM	PMSM
Number of Seats,standard	2	2	2	14	17	20	2	2	2
Seat Spacing	—	—	—	670	650	650	—	—	—
Rated Power/Peak Power(kW)	70/140	70/150	70/150	70/140	70/150	70/150	70/140	70/150	70/150
Rated Torque/Max.Torque(N.m)	170/410	400/1000	400/1000	170/410	400/1000	400/1000	170/410	400/1000	400/1000
Max Speed(km/h)	100	100	100	100	100	100	100	100	100
DIMENSION									
Dimension(L*W*H(mm)(A,B,C)	5915*2040*2632	6950*2000*2675	7490*2000*2675	5915*2040*2632	6950*2000*2750	7490*2000*2750	5880*2000*2632	6770*2000*2632	7310*2000*2632
Wheel Base(mm)(D)	3665	4325	4325	3665	4325	4325	3665	4325	4325
Length Cargo Space (mm)(E)	3080	4320	4790	—	—	—	—	—	—
Max Width Cargo Space (mm)(F)	1780	1780	1780	—	—	—	—	—	—
Max Width Cargo Space Between Wheel Arches (mm) (G)	1350	980	980	—	—	—	—	—	—
Max Height Cargo Space (mm) (H)	1915	1915	1915	—	—	—	—	—	—
Slide Door Width (mm) (I)	1515	1515	—	—	—	—	—	—	—
Overhang Front (J) / Rear (K)	1014/1236	1014/1611	1014/2151	1014/1236	1014/1611	1014/2151	1014/1201	1014/1431	1014/1971
Slide Door Height (mm) (L)	1885	1885	1885	—	—	—	—	—	—
Turning Radius (m)	6.5	7.6	7.6	6.5	7.6	7.6	6.5	7.6	7.6
Ground Clearance(mm)	180	180	180	180	180	180	180	180	180
Cargo Volume (m^3)	10.5	14.7	16.3	—	—	—	—	—	—
Brake System	Front & Rear Disc/ESC	Front Disc & Rear Drum/ABS	Front Disc & Rear Drum/ABS	Front & Rear Disc/ESC	Front Disc & Rear Drum/ABS	Front Disc & Rear Drum/ABS	Front & Rear Disc/ESC	Front Disc & Rear Drum/ABS	Front Disc & Rear Drum/ABS
Front Suspension	McPherson Independent Suspension								
Rear Suspension	Non-independent Leaf spring suspension								
CHARGING									
Battery Capacity(kWh)	132	132/170	132/170	132	132/170	132/170	132	132/170	132/170
Charging Time (AC 100%) h/POWER (11kW/20kW)	12	6.6/8.5	6.6/8.5	12	6.6/8.5	6.6/8.5	12	6.6/8.5	6.6/8.5
Charging Time (DC15-80%) min	95	75	75	95	75	75	95	75	75
RANGE									
KM	330	310/400	310/400	330	310/400	310/400	330	310/400	310/400

Note: Standard specifications may vary from the list above,depending on the vehicle model



Color



White(Standard)



Grey(Optional)



Black(Optional)



Blue(Optional)



Silver(Optional)

Modern design, enjoy infinite possibilities

Combining classic designing theory of European commercial vehicles and eastern aesthetics ideal perfectly, Weichai Eurise Van tends to be a shiny star in the automotive industry. And we aim to build a most suitable van to meet your maximum demand.



With the leading digital technology, Eurise Cargo Van(EC Van) empowers the logistics ecology from the four aspects of people, vehicles, roads and goods to redefine the electric cargo van. It integrates the three advantages of high comfort, high efficiency and low TCO, which will continuously meet the requirements of high-quality development of the logistics transportation industry.



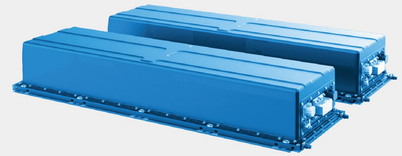


DESIGNED FOR ALL BODY TYPES

With a modular structure of high strength and one of the best body length offers on the market, from 5.9 to 7.5 m, some of the most diverse and demanding body equipment can be installed on Eurise Chassis Cab.

CATL Large Capacity LFP Battery

- 132-170kWh optional battery capacity as per customer request.
- Battery from CATL, the largest battery manufacturer in the world with excellent performance & perfect aftersales service.
- Targeted comprehensive driving range of up to 400km(NEDC).
- DC fast charge capable up to 50 kW — 15 to 80% in 70 minutes(132°,standard).
- 11/20 kW on board charger with optional choice for home AC charging.









suspended ceiling



seat board



sunshade



trunk space



charging port



display screen



Standard-5.9m



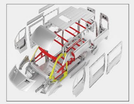
Long-7.0m



Extra Long-7.5m

- ❖300 km comprehensive long range that can satisfy various customer needs.
- ❖3 vehicle lengths to meet customer needs: standard, long and extra-long.
- ❖Maximum payload up to 2,750 kg to meet different work conditions .
- ❖No compromise to load compartment, with volumes of up to 16.3 m³.
- ❖Available with 4790 kg and 6500 kg permissible gross vehicle mass(GMV) .
- ❖Up to 180°rear tailgate with pedal & Side sliding door for convenience.

Description	Payload(kg)	Cargo Size(mm)	Cargo Volume(m³)
Standard	1,250	3,080x1,780x1,915	10.5
Long	2,750	4,320x1,780x1,915	14.7
Extra Long	2,600	4,790x1,780x1,915	16.3



Glove Box



D-Ring



Ultra Compartment Space



Cab Partition



Strong Power with large output

With its great motor delivering power ratings of 150Kw, Eurise Chassis Cab combines strong performance with low noise and zero emission. Maximum torque can reach up to 1200N.m.



UNRIVALLED DRIVING COMFORT

- ❖ Its spacious cab, equipped with a practical, modern dashboard, integrates an array of storage compartments that can be reached easily from the driving position.
- ❖ The independent front suspension provides excellent road-holding qualities and maximum comfort on runs and during maneuvers.



Dual Rear Wheel-More Payload

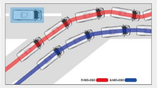
With a payload of up to 3.30 t and a towing capacity of up to 4.95 t, equipped with rear-wheel drive of twin rear wheels for more traction, Eurise Chassis Cab lets you transport almost everything for excellent payload capacity.

EXCELLENT SAFETY

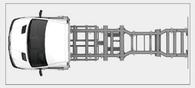
Eurise Chassis Cab comes equipped with electronic brake distribution (EBD), ABS and latest generation ESC that adapts to the load of the vehicle. For maximum safety, it comes equipped with high performance front airbags on the driver's side, as well as on the passenger side. Its three-point seatbelts are height adjustable to ensure a perfect fit and include pre-tensioners for the driver.



4-wheel disk brake



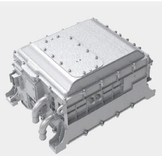
ESC



High strength body structure



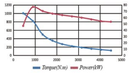
Airbags



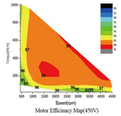
Integrated Motor Controller



High power & Efficiency PMSM



Motor Performance Curve(260V DC)



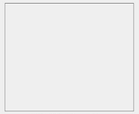
Motor Efficiency Map(450V)



电源总开关



Charging Socket for DC/AC



IP67 High Voltage Wire



Integrated Dashboard

Austrian ECS chassis design and debugging

