

KINGWIN EV Passenger Van specification

| Main parameters | |
|---------------------------------|---|
| Seat | 14/15 |
| Dimension mm | 5340x1700x2285 (High roof) |
| Wheelbase mm | 2890 |
| Ground clearance mm | 180 |
| Gradient Max | 25% |
| Twist and turn knob | ECO & NORMAL-Forward, NORMAL-Reverse gear |
| Motor Type | PMSM |
| Max/Rated Power | 80/50 Kw |
| Max Torque | 310 Nm |
| Max Speed (locked) | 100km/h |
| Specification of Battery | |
| Battery Capacity | CATL 53.58 Kwh |
| Charging system | GB/T |
| Charging time | AC 8 Hrs, DC 20% to 80% 45 Minutes |
| Driving Mileage | 300km (NEDC) |
| Electronic control system | 3 in 1 controller |
| Battery heating system | Available |
| Powertrain | |
| Rear axle | Direct drive |
| Front suspension | Torsion bar spring(shorten) |
| Rear suspension | 5 Leaf springs |
| Safety | |
| Brake System | Front disc/Rear drum |
| Brake assist system | ABS+EBD |
| Seat belt | Available |
| Fire Extinguisher | Fire Extinguisher(0.5Kg) |
| Front fog lamp | Front fog lamp |
| Front Window | Electronic power |
| Rearview Mirror | Electronic power |
| Steering Wheel | Adjustable four-spoke Leather |
| Rear door Wiper/Rear spray/Rear | Available |
| Functional equipment | |
| Rear ground-view mirror | Available |
| Mudguard | Front/Rear Mudguard |
| Rear door | Inner release lift gate |
| Control system | Center Controlled Door lock |
| Appearance | |
| Color | White |
| Border Strips | Chrome Border Strips |
| Wheel Rim | Steel wheel with cover |
| Tire | Tubeless 195R15LT8PR |
| Front lamp | All-in-one drill crystal lamp |
| Rear lamp | Common Rear Combined Lamp |
| Glass side | White glass |
| Interior | |
| Ceiling | Dark gray |
| Floor material | Aluminium Floor |
| Seats material | Fabric |
| Instrument panel | Integral instrument panel |
| Audiovisual | Mp5+USB+SD Card Slot |
| Reverse camera | Available with alarm |
| T-BOX | With GPS and battery lock function |
| Air conditioning | With Front and Rear A/C |



WARRANTY TERMS: BATTERY-400,000KM/7YEARS

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 **KING LONG**


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| | | |
|--------|------------------|-------|
| 14/15 | 180MM | 300KM |
| SEATER | GROUND CLEARANCE | RANGE |

BATTERY POWERED BY
CATL

KINGWIN EV

To satisfy domestic and overseas market demand, with 30 years of bus manufacturing, R&D experience, KINGLONG promoted KINGWIN EV in 2020.

Optimized configuration and abundant horsepower enable KINGWIN EV to be widely used in passenger transportation, tourism and shuttles.



Stylish, Streamlined Appearance



INTERIOR



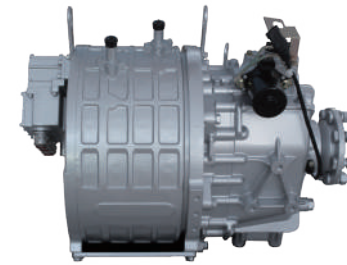
Air-Conditioning Vents On Both Sides Making Cooling In Travelling



DRIVE & ECO Driving Modes Meeting Different Road Condition



14/15 Seats Layout



KINGLONG Brand PMSM Whose Max/Rated Power Is 80/50 Max Torque Is 310 Nm; The Max. Gradient Is 25% (Full Load)



CATL 53.58Kw/h Battery Combining Regeneration Function



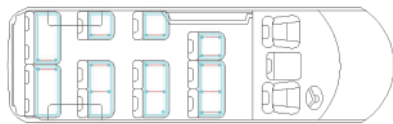
Independent Drive Motor Controller



PDU+DCDC+ OBC (Three-In-One) Auxiliary Controller

XMQ6552EV Passenger Van specification

| | |
|--|--------------------------------|
| Model | XMQ6552EV |
| Parameters | |
| Length × Width × Height (mm) | 5470 * 1885 * 2185 |
| Wheelbase (mm) | 3110 |
| Front Wheelbase / Rear Wheelbase (mm) | 1655 / 1650 |
| Curb Weight (kg) | 2350 |
| G.V.M. (kg) | 3600 |
| Driving Position | RHD |
| Seats | 16 (3+3+3+3+4) |
| Passability | |
| Minimum Ground Clearance from battery (mm) | 200 |
| Approach / Departure Angle (°) | 16 / 21 |
| Minimum Turning Radius (m) | 6.3 |
| Dynamics | |
| Maximum Speed (km/h) | 90km / h |
| Maximum Climbing Grade (%) | 25 |
| Ranges (Km) (NEDC) | 300 |
| Three-current system | |
| Battery Manufacturer | CATL |
| Battery Capacity (Kwh) | 53.58 |
| Charging Port | GB / T |
| Charging Time (fast charging) | ≤ 1.1h (SOC20 % ~100 % @ 25°C) |
| Charging Time (slow charging) | ≤ 7.5h (SOC20 % ~100 % @ 25°C) |
| Motor Type | PMSM |
| Rated / Peak Motor Power (Kw) | 50 / 80 |
| Rated / Peak Torque (N.m) | 130 / 270 |
| Type of Electric Control | Four in one controller |



WARRANTY TERMS: BATTERY-400,000KM/7YEARS, MOTOR-200,000KM/5YEARS.

CG Motors Pvt Ltd- King Long Authorized Distributor for Nepal.

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B2404X10



| | | |
|--------|------------------|-------|
| 16 | 200MM | 300KM |
| SEATER | GROUND CLEARANCE | RANGE |

BATTERY POWERED BY

CATL

Kingwin Plus 16 Seater



INTERIOR



Energy recovery level adjustment: Equipped with 0-10 level energy recovery adjustment function, drivers can freely select the recovery level according to current driving conditions to increase vehicle range.

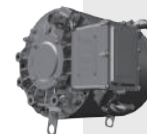
Stylish, Streamlined Appearance



Driving mode function: This vehicle offers three driving modes of ECO, Normal, and Sport for drivers.



The overall vehicle width is increased by 185mm compared to its predecessor, allowing for a greater number of seating arrangements to meet diverse user needs. Additionally, there are more seating layout options available.



Its gradeability can achieve 25% and Max. Speed can reach 90km/h with the motor power of 50/80Kw (rated/peak), motor torque of 130/270N.m (rated/peak) and a Max. rotation speed of 8800rpm.



The vehicle is equipped with 53.58kwh CATL batteries (third-generation cells), and the battery energy density reaches 145.59wh/kg. Its warranty policy is upgraded to 7 years or 400,000km (whichever comes first).



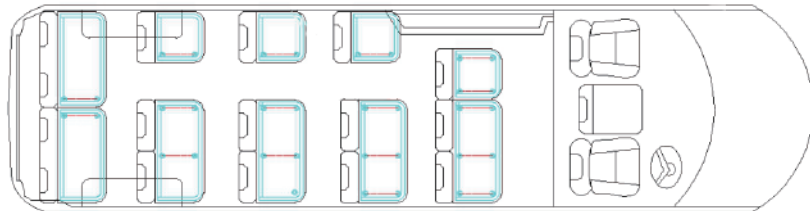
Compared to the previous Hiace's "single motor controller (MCU) + auxiliary controller three-in-one (PDU+DCDC+OBC)" scheme, this model adopts a higher integrated "main drive four-in-one (MCU+PDU+DCDC+OBC)" scheme.



Compared to the previous Hiace model, this new product effectively enhances roof strength, significantly increasing the roof's load-bearing capacity. The new product adopts a more uniform layout, welding the roof bows with the left and right side panels together, and using B280VK high-strength steel for the first and last roof bows and other reinforcement parts.

KING LONG EV Passenger Van Specification

| Model | King Long 19 Seater |
|-------------------------------|---|
| Dimension-L*W*H (mm) | 5998*1885*2310 |
| Wheelbase (mm) | 3720 |
| GVW (kg) | 4200 |
| Curb Weight (kg) | 2850 |
| Drive Motor | PMSM |
| Rated/Peak Power (kW) | 60/120 |
| Torque (Nm) | 350 |
| Max Speed (km/h) | 90 |
| Gradeability (%) | Above 25 |
| Turning Radius (m) | 7.5 |
| Ground Clearance (mm) | 220 |
| Battery Type | LFP |
| Battery Capacity (KWh) | 77.28 |
| Traction Battery Manufacturer | CATL |
| Traction Battery Type | THIRD GENERATION |
| Driving Range NEDC- km | 300 |
| Charger Standard | GB/T |
| AC Charging Time | 9.5 hrs from 20-80% SOC |
| DC Charging Time | 0.75 hr from 20-80% SOC |
| Rim type | Alloy Wheel |
| Tyre Size | 215/75R16LT |
| Basis configuration | ABS, MP5, Rear View Camera, Reverse Parking Sensor, AVAS, Central Locking, A/C, Radio USB+ SD Card Slot |
| Seat configuration | 19(4+3+3+3+3+3) |



WARRANTY TERMS: 4,00,000KM / 7 YEARS ON BATTERY

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220mm

GROUND CLEARANCE

300km

RANGE

BATTERY POWERED BY

CATL

KING LONG 19 SEATER

EXTERIORS



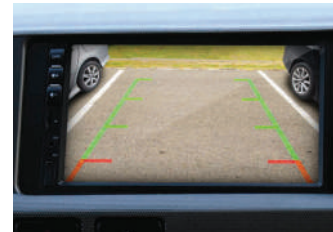
INTERIOR



Luxurious & Comfortable Seats



Higher Body, larger interior space and a more comfortable experience



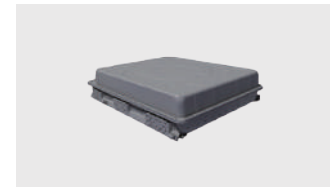
Reverse Camera with Parking Sensor



16 inch Alloy Wheels with 220mm Ground Clearance for ease driving on any terrain



Highest gradeability in the segment which is higher than 25% with the motor peak power of 120kW and 350NM torque.



The vehicle is equipped with 77.28Kwh CATL batteries (third-generation cells), and the battery energy density reaches 150wh/kg, which covers warranty of 7 years or 400,000km (whichever comes first).



The new product adopts a more uniform layout welding the roof bows with the left & right side panel together and using B280VK high strength steel for the first and last roof bows and other reinforcement parts.