



QIANTU

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DragonFly-K50.com

K50

Shaping the road ahead
Electric Automobiles

DragonFly-K50.com

pure electric
high-performance
sports car



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K50





250 ^{Mi}

range estimate

no matter crossing the cities
or heading for desirable place,
250 Mi range provides you
with strongest support

125 ^{MPH}

max

electronically limited

over-clocking mode
power can 125 MPH
ultra-high speed 12.000 rpm

4.6 ^S

0-60 MPH

from 0 to 60 MPH
only takes 4.6 seconds
release all your eager
for driving.



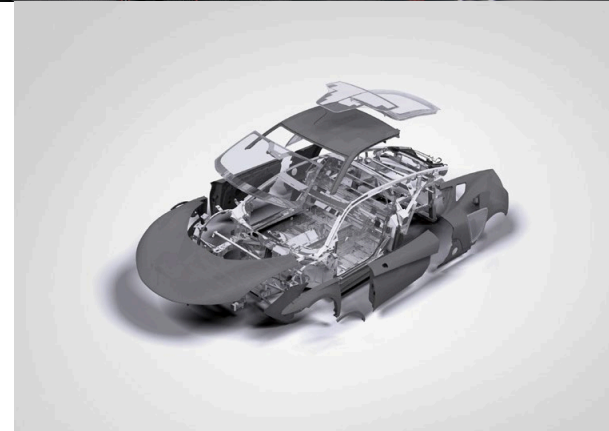
* Range calculation is contingent upon temperature, speed, weight, weather and road conditions, road grade and may vary.

* All specifications subject to change based on design testing.



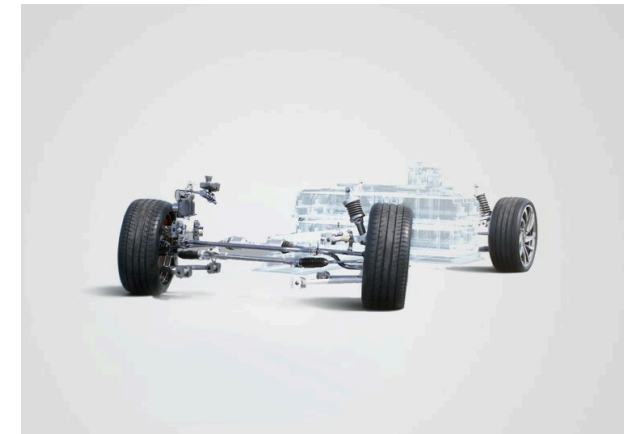
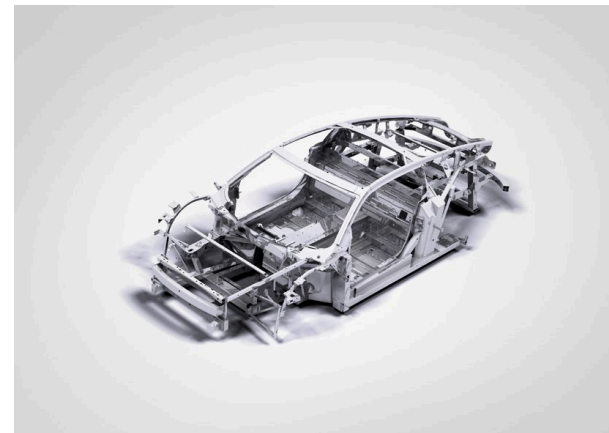
All-aluminium Structural Body Frame

QIANTU K50 uses advanced high-strength aluminium frame structure, enhancing the rigid structure of the car body and reducing weight by about 38% compared with the traditional sheet metal steel body. It achieves high standard safety requirements with a very low body weight of 234 kg. With lightweight and sturdy body, it escorts for safety.



Carbon-fiber Body Panels

The 29 components of the carbon-fiber body panels comprising each complete vehicle of K50 weights only 46.7 kg in total, which is more than %40 and 20% lighter than steel and aluminium alloy respectively. Ensure the extreme quality pursue for light and improving performance of the car.



Front and Rear Double Wishbone Suspension and Chassis Calibration by Mira

Professional sport car front and rear double wishbone suspension, ensure the tire deliver 100% grip and a sure ride on any surfaces and in any circumstances. Thanks for the collaborated chassis development and calibration by Mira, the K50 offers precise handling and ride feedback to drivers just ass sports car.



Dynamic Torque Vector Distribution

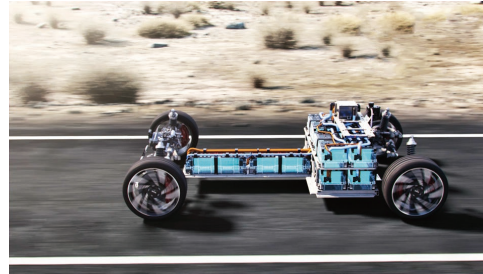
With dynamic torque vector (DTV) system, QIANTU K50 show extraordinary cornering performance, by applying appropriate braking force to the inner wheel, it can ensure the turn is safe and stable. Providing the driver with the perfect experience of a more neutral steering.



Dual-motors (one at the front axle and one at the rear) 4WD

The K50 with permanent magnet synchronous motor has three driving modes: Adaptive / Sport / Boost. You can switch flexibly to meet various driving situations such as daily travel and extreme driving. The extremely dynamic over-locking mode releases 320KW of ultimate power, and the full-time four-wheel drive creates a driving experience with full back support.





RESS (Rechargeable Energy Storage System)

Rechargeable Energy Storage System (RESS) exclusively created by Qiantu Motor is composed by 10 standard battery packs, BMS and thermal management system. The unique standard battery box module design takes the safety of the K50 battery system to a whole new level. The battery thermal management adopts the active liquid cooling / heating system, which fundamentally solves the problems of low-temperature start-up and high-temperature discharge of pure electric vehicles, and can stably supply electric energy even in the cold of minus 30 degrees and the heat of degrees.

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Leather and Alcantara Material Sports Seats

The sports seats are made of leather/Alcantara material, and the Alcantara's sleek design provides sufficient friction between the occupant and the seat, combined with the extra lateral support provided by the sporty seat, even for the sleek and dynamic driving state, it can provide professional-grade covering support. The leather/Alcantara feels soft and is equipped with practical functions such as seat ventilation and heating.



Pirelli High-performance Sports Tires/ Lightweight Forged Aluminum Wheel

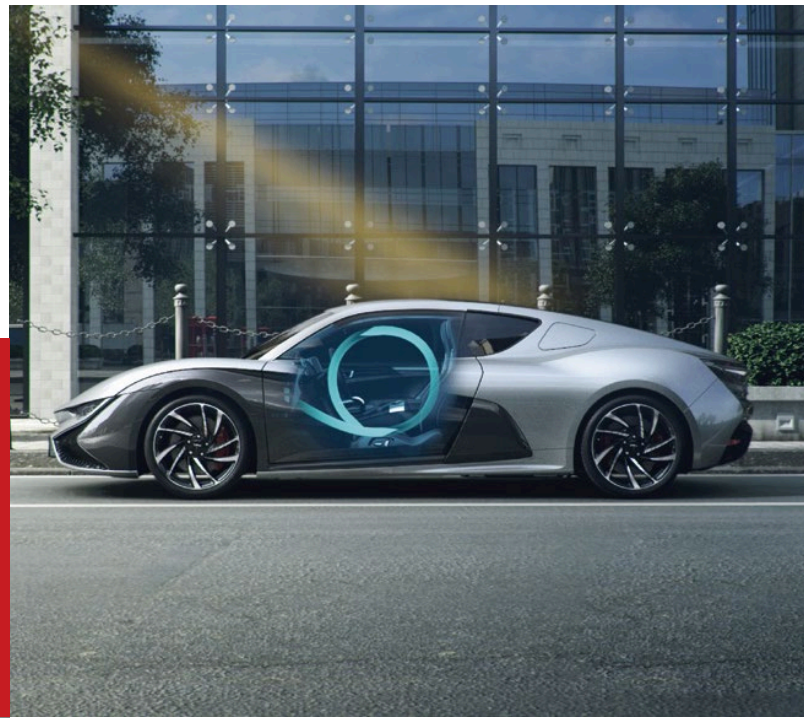
The Pirelli P Zero sports tires that come on the QIANTU K50 feature a unique tread design to make the car a strong performer with awesome grip in wet conditions. With lightweight forged aluminum wheels, it reduces the unsprung mass and improves the dynamic response of the vehicle.

Interactive Information Entertainment System

15.6-inch large HD central control display, integrating vehicle settings, air conditioning system control, third-party APP, car phone interconnection, audio-visual system and many other functions, let the car large screen as mobile phone as easy to operate with human UI design. While applying Kenwood 6 speaker audio, external independent amplifier, it adds an unparalleled enjoyment of the driving experience.

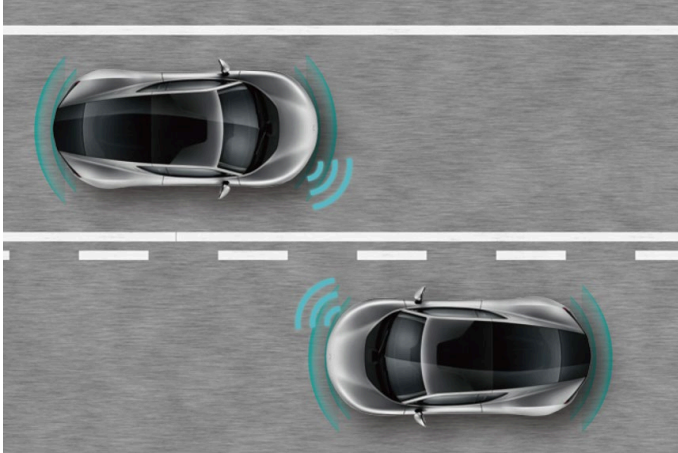


FIRST CLASS DETAILS



in-car Solar Energy Air Circulation System

In the summer, the temperature inside the car can reach 50 degrees. Qiantu KSO's unique in-car solar energy air circulation system will automatically start after the temperature rises to 25 degrees, and the power generated by the roof solar panel provides air circulation for the car, creating a comfortable driving experience.



V2V Vehicle Communication System

Through V2V vehicle communication system and on-board VBOX system, you can enjoy the communication between Qiantu vehicles in limited range. Various types of driving accessibilities such as forward collision warning, emergency brake warning, traffic jam warning and lane departure warning, which will always help you notice the surrounding conditions and escort for the advance.

Brembo High-performance Braking System

Qiantu KSO applied with fixed Brembo 4-piston brake caliper. Larger total piston area guarantees a powerful braking force that allows the car to brake in extreme distances. The front and rear high-carbon ventilated brake discs are also from Brembo, with a scribing and perforation design for better abrasion performance and thermal conductivity to protect your safety while enjoying driving pleasure.



Basic Parameters

Length*Width*Height (mm)	4634x2069x1253
Wheelbase (mm)	2650
Track Width F/R(mm)	1798 1791
Curb Weight(kg)	1960
Static Load Distribution	47% : 53%
Passenger Seating Capacity	2
Cargo Volume(L)	65
Minimum Ground Clearance(mm)	103
Minimum Turning Radius(m)	6

Frame Body&. Suspension

Frame			
Structure	Unibody / Space Frame		
Material	All-Aluminium		
Body			
Material	Carbon-Fiber		
Suspension			
Structure	Double Wishbone with Anti-Roll Bar		
Control Arm Material	Aluminium		
Steering Knuckle Material	Aluminium		
Steering			
Type	Electronic Power Steering		
Brake			
Brake Calipers	Fixed Calliper / 4 Pistons		
Brake Rotors	Ventilated Disc with Slotted&. Drilled		
	Φ345*30	Φ365*28	
Electric Parking Brake			
Tires F/R	235/35ZR19	265/35ZR19	
Wheels	Manufacturing Process	Forged Aluminium-alloy	
	Size	19*8.0J	19*9.5J

Battery

Cell			
Type	NCM Lithium Ion		
Packaging Type	Pouch		
Battery Pack			
Energy(kWh)	78.84		
Thermal Management System	Liquid Cooling & Heating.		
	Constant Temperature Control		
Operarional Temperature(°C)	-30 ~ 55		
Charging			
Charging Time	DC*(min)	45 (0-80% SOC)	

Powertrain & Drive

Drive			
Type	Dual Motors Intelligent On-Demand All Wheel Drive		
Motor			
Type F/R	Permanent Magnetic Synchronous		
Layout	Front Transverse+ Rear Transverse		
Structure	Double Wishbone with Anti-Roll Bar		
Power (Peak/Boost)	F/R(kW)	140/160	140/160
	Total Output(kW)	280/320	
Torque (Peak/Boost)	F/R(Nm)	290/340	290/340
	Total Output(Nm)	580/680	
Thermal Management System	Liquid Cooling		
Transmission			
Transmission	Single Stage Reduction		
Performance Calibration			
Driving Mode	Adaptive	Sport	I Boost
Curve Control - Maneuverability	DTV(Dynamic Torque Vectoring)		

Performance

Maximum Speed(km/h)	200	
0-50km/h Acceleration Time (s)	≤ 2.7	
0-100km/h Acceleration Time (s)	≤ 4.6(Full Load)	
Range	INEDC (km)	≥ 380
	Constant Speed(km)	≥ 510

Exterior

Carbon Fiber Body Cover Panel	●
Solar Powered In-Car Air Circulation System	●
Boneless Wipers with Rain Sensor	●
Front Heated Windshield	●
Frameless Tempered Safety Window	●
Power Windows with Driver and Passenger One-Touch Down/Up (Anti-Pinch Feature)	
Concealed Door Handle	●
Soft-Close Doors	●
19- Inches Forged Aluminium Rim	●

Glass and Rear view Mirror

Power Exterior Mirrors	●
Heated Exterior Mirrors	●
Automatically Folding Exterior Mirrors	●

Charging Equipment (Send with Car)

Wall-Mounted Charger (with Data Communication)	●
Portable Charger	●

Safety and Driver - Assistance

3 - Point Seat Belts with Pretensioners	●
Dual Front Air-bags	●
Side-Impact Air-bags	●
Side-Impact Air Curtains	●
ESP	●
Tire Pressure Monitoring System (Temperature+ Pressure)	●
Front/Rear Parking Aid Radar	●
360 Degree Panoramic Cameras	●
Anti-theft Alarm System	●
Intelligent Keyless Entry&. Push Start	●
Electronic Parking Brake System	●
Cruise Control	●
Acoustic Vehicle Alerting System	●
V2VVehicle Communication System (Following Functions Included)	
Forward Collision Warning	●
Intersection Collision Warning	●
Turn Assist Warning	●
Emergency Brake Warning	●
Safety - Losing Control Warning	●
Abnormal Conditions - Vehicle Warning	●
Traffic Jam Warning	●
Lane Departure Warning	●

Full LED External Lighting System

LED Automatic Opening and Closing Headlights	●
LED Daytime Running Lights	●
LED Rear Combination Taillight	●
LED Trunk Light	●
LED Rear Fog Light	●
LED High Mounted Brake Light	●

Internal Configuration

3-Spoke Leather-Covered Multifunction Sports Steering Wheel	●
Steering Wheel 4 way Adjustable Column	●
Heated Steering Wheel	●
Manual Anti-Glare Interior Rearview Mirror	●
LED Car Reading Light	●
7 - Color Ambient Light	●
USB Interface	two
12 V Power Supply	●

Warranty

New Vehicle Limited Warranty	8 Years or 160,000 Kilometres
Battery and Drive Unit Limited Warranty	5 Years or 100,000 Kilometres

Information Entertainment System

15.6 Inches HD Central Control Touch Screen	●
10.1 Inches LCD Drivers instrumentation	●
Built-in HD Driving Encoder	●
6-Speaker Hi-Fi System (With Independent Amplifier + Sub-woofer)	●
Speech Recognition Function	●
Car Blue-tooth System (With Hands-Free Phone and Music Player Function)	●
Car 3D Voice Navigation System (With Charging Route Planning)	●
4G Communication Module System+ Car WiFi Hotspot	●
Motion Timing	●
Remote Vehicle Control System (With the Following Functions)	
Data Monitoring	●
In Situ Protection	●
Stolen Vehicle Tracking	●
Information Storage	●
Remote Diagnostics	●
Turn Hazard Warning Light on/off	●
Remotely Open/Close the Window	●
Remote Charging/Discharging	●
Remotely Turn On/Off the Horn	●

Seat Configuration

Leather/Alcantara Sports Seat	●
Driver and Passenger 6-way Electrically Adjustable Seat	●
Seat Ventilation	●
Seat Heating	●
Gentleman Button (Left Side of the Passenger Seat Back)	●







Air Conditioning Configuration

Automatic Air-Conditioner	●
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Optional Package

19-inches Forged Aluminium Wheels -Black	○
19-inches Forged Aluminium Wheels -Metallic	○

Color Options

					
Vibrant White	Night Black	Dune Golden	Phantom Silver	YuanQi Red	Dream Blue

QIANTUK50

evolution in motion

dedicated to **automobile manufacturing**,
to create the pleasure of driving a **pure electric car**.

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