

# Highlander 2024 2.5L smart electric hybrid dual-engine two-drive luxury edition 7 seats

Basic information	
Manufacturer	Guangzhou Automobile Toyota
Level	Medium-sized SUV
Energy type	Oil-electric hybrid
Environmental protection standard	National VI
Time to market	2024.05
Maximum Power (kW)	181
Engine	2.5L 189 horsepower L4
Electromotor (Ps)	182
Gearbox	E-CVT stepless transmission
Length * width * height (mm)	4965*1930*1750
Body structure	SUV with 5 doors and 7 seats
Maximum speed (km/h)	180
WLTC Comprehensive fuel	5.82

Car body	
Length (mm)	4965
Width (mm)	1930
Height (mm)	1750
Wheelbase (mm)	2850
Front wheel track(mm)	1655
Rear wheel track(mm)	1660
Approach angle (°)	18
Departure angle (°)	22
Minimum turning radius (m)	5.7
Body structure	SUV
Door opening mode	Open the door flat
Number of doors (units)	5
Number of seats (unit)	7
Fuel tank capacity (L)	65
Quality of equipment (kg)	2010

Engine	
Engine model	A25D
Displacement (mL)	2487
Displacement (L)	2.5
Intake form	Natural inhalation
Cylinder arrangement form	L
Engine layout	Horizontal position
Number of cylinders (pieces)	4
Number of valves per cylinder	4
Compression ratio	14
Gas distribution mechanism	DOHC
Maximum horsepower (Ps)	189
Maximum Power (kW)	139
Maximum power speed (rpm)	6000
Maximum torque (N m)	236
Maximum torque speed (rpm)	4200-4700

Maximum net Power (kW)	139
Engine specific technology	VVT-iE
Energy type	Oil-electric hybrid
Fuel label	Number 92.
Oil supply mode	Mixed injection
Cylinder head material	Aluminum alloy
Cylinder block material	Aluminum alloy
Environmental protection standard	National VI

Electric motor	
Motor type	Permanent magnet / synchronization
Total Motor Power (kW)	134
Total motor power ps	182
Total torque of motor (N m)	270
Maximum power of front motor	134
Maximum torque of front motor (N	270
System integrated power (kW)	181
Number of driving motors	Single motor
Motor layout	Front position

Gearbox	
Number of blocks	Stepless transmission
Gearbox type	Electronic continuously variable transmission (E-CVT)

Chassis / wheel	
Driving mode	Front front drive
Front suspension type	McPherson independent suspension
Rear suspension type	E-type multi-link independent suspension
assist type	Electric power assist
body structure	load-bearing
Front brake type	ventilation disc
Rear brake type	ventilation disc
Parking brake type	electronic parking
Rim material	Aluminum alloy
Front tire specification	235/55 R20
Rear tire specification	235/55 R20
brake specification	Non-full size
The way the spare tire is placed	bottom-hanging type

Security configuration	
Driver/passenger airbag	● Driver ● Passenger
Front/rear side airbags	● Front Row — Rear Row
Front/rear head airbags (curtain airbags)	● Front Row ● Rear Row

Knee air bag	● Driver's knee airbag
Tire pressure monitoring function	● Tire pressure display
Seat belt unfastened reminder	● The whole car
<b>Control configuration</b>	
Driving mode switching	● Exercise ● Economics ● Standard/Comfort
Shift form	● Mechanical gear shift
<b>Auxiliary / intelligent driving</b>	
Cruise system	● Full speed adaptive cruise
Auxiliary driving level	● L2
Auxiliary driving system	● Toyota Safety Sense
Driving assist image	● Reversing image
Front / rear parking radar	— Front Row — Rear Row
<b>Appearance configuration</b>	
Sunroof type	● Panoramic sunroof can be opened
key type	● remote key
Keyless entry function	● Front row
<b>internal configuration</b>	
Driving computer display screen	● Color
LCD meter size	● 12.3 in.
Steering wheel material	● Dermis
Steering wheel position adjustment	● Manual up and down + front and rear adjustment
<b>Seat configuration</b>	
Seat material	● Dermis ● Imitation leather
Driver's seat adjustment method	● Waist support (2 directions) ● High and low adjustment (4 directions) ● Backrest adjustment ● Front and rear adjustment
Adjustment mode of Passenger seat	● Backrest adjustment ● Front and rear adjustment
Driver / passenger seat electric adjustment	● Driver ● Passenger
Front seat function	● Heating
Second row seat adjustment	● Backrest adjustment ● Front and rear adjustment
Seat layout	● 2-3-2
Back seat down form	● Proportional toppling ● Front Row

## Appearance



<b>Lighting configuration</b>	
Low light source	● LED
High beam light source	● LED
Front fog lamp	● LED
<b>Glass / rearview mirror</b>	
Exterior mirror function	● Lock the car and fold automatically ● Electric folding ● rear view mirror heating ● Electric regulation
Front/rear power windows	● Front Row ● Rear Row
Window up and down function with	● The whole car
In-car cosmetic mirror	● Main driver + lights ● Front passenger + lighting
Inner rearview mirror function	● Automatic anti-glare
<b>Smart Internet</b>	
Central control color LCD screen	● Touch LCD screen
LCD screen size	● 10.25 in.
Mobile phone interconnection / mapping	● Support for CarPlay ● Support for CarLife ● Support for HiCar
APP Remote Control	● Air conditioning control ● Vehicle condition inquiry / diagnosis ● Vehicle location / car search ● Car owner service (find charging piles, gas stations, parking lots, etc.) ● Scheduled maintenance / repair
<b>Audio-visual entertainment</b>	
Multimedia / charging interface	● Type-C
Number of USB/Type-C Interfac	● 2 in the front / 2 in the back
Number of speakers	● 6 loudspeakers
<b>Air conditioner / refrigerator</b>	
Air conditioning temperature	● Automatic air conditioning
<b>remarks</b>	
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## Interior decoration



## Space



## remarks:

- standard
- optional
- no