

HILUCK Your Trusted Chinese EV Partner	Rich New Energy EC31 2024 EC31 Cargo Box Corrugated Pioneer Type I	Rich New Energy EC31 2024 EC31 Refrigerated Pioneer I	Rich New Energy EC31 2024 EC31L Cargo Pioneer Type I	Rich New Energy EC31 2024 EC31L Cargo Pioneer II
	-	-	-	-

Basic parameters (● Standard ○ Optional - N/A)

Manufacturer	Rich Automobile	Rich Automobile	Rich Automobile	Rich Automobile
level	Micro Card	Micro Card	Micro Card	Micro Card
Energy type	Pure electric	Pure electric	Pure electric	Pure electric
Time to market	2024.05	2024.05	2024.07	2024.07
CLTC pure electric range (km)	275	275	295	295
Maximum power (kW)	60	60	60	60
Maximum torque (N·m)	220	220	220	220
Body structure	truck	truck	truck	truck
Motor (Ps)	82	82	82	82
Length*Width*Height(mm)	4710*1635*2460	4735*1635*2440	4855*1660*1985	4855*1660*1985
Official 0-100km/h acceleration (s)	-	-	-	-
Maximum speed (km/h)	80	80	80	80
Curb mass (kg)	1425	1570	1285	1285
Maximum full load mass (kg)	-	-	-	-

body (● Standard ○ Optional - N/A)

Length (mm)	4710	4735	4855	4855
Width (mm)	1635	1635	1660	1660
Height (mm)	2460	2440	1985	1985
Wheelbase (mm)	3050	3050	3050	3050
Front wheelbase (mm)	1410	1410	1410	1410
Rear wheelbase (mm)	1410	1410	1410	1410
Approach angle (°)	30	30	30	30
Departure angle (°)	35	35	35	35
Body structure	truck	truck	truck	truck
Door opening method	-	-	-	-
Number of doors	● 2	● 2	● 2	● 2
Number of seats	● 2	● 2	● 2	● 2

Trunk volume (L)	-	-	-	-
Cargo box size (mm)	2770x1550x1610	2660×1450×1430	3050×1580×350	3050×1580×350
Drag coefficient (Cd)	-	-	-	-
Rear door opening method	● -	● -	-	-
Maximum load mass (kg)	1045	900	1185	1190

electric motor (● Standard ○ Optional - N/A)

Motor type	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous	Permanent magnet/synchronous
Total motor power (kW)	60	60	60	60
Total motor horsepower (Ps)	82	82	82	82
Total torque of the motor (N·m)	220	220	220	220
Maximum power of rear motor (kW)	60	60	60	60
Maximum torque of rear motor (N·m)	220	220	220	220
Number of drive motors	Single motor	Single motor	Single motor	Single motor
Motor layout	Post	Post	Post	Post

Battery/Charging (● Standard ○ Optional - N/A)

Battery Type	● lithium iron phosphate battery	● lithium iron phosphate battery	● lithium iron phosphate battery	● lithium iron phosphate battery
CLTC pure electric range (km)	275	275	295	295
Battery energy (kWh)	38.64	38.64	38.64	38.64

gearbox (● Standard ○ Optional - N/A)

Abbreviation	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission	Electric vehicle single-speed transmission
Number of gears	1	1	1	1
Transmission type	Fixed gear ratio gearbox	Fixed gear ratio gearbox	Fixed gear ratio gearbox	Fixed gear ratio gearbox

Chassis steering (● Standard ○ Optional - N/A)

Drive mode	● Rear-engine, rear-wheel drive	● Rear-engine, rear-wheel drive	● Rear-engine, rear-wheel drive	● Rear-engine, rear-wheel drive
Front suspension type	● McPherson independent suspension	● McPherson independent suspension	● McPherson independent suspension	● McPherson independent suspension
Rear suspension type	● Leaf spring non-independent suspension	● Leaf spring non-independent suspension	● Leaf spring non-independent suspension	● Leaf spring non-independent suspension
Power type	● Electric power steering	● Electric power steering	● Electric power steering	● Electric power steering

Body structure	load-bearing	load-bearing	load-bearing	load-bearing
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wheel brakes
(
• Standard
○ Optional
- N/A
)

Front brake type	• Disc	• Disc	• Ventilated disc	• Ventilated disc
Rear brake type	• Drum	• Drum	• Disc	• Disc
Parking brake type	• parking brake	• parking brake	-	-
Front tire specifications	• 185 R14LT	• 185 R14LT	• 185 R14LT	• 185 R14LT
Rear tire specifications	• 185 R14LT	• 185 R14LT	• 185 R14LT	• 185 R14LT
Spare tire specifications	-	-	-	-

Passive safety
(
• Standard
○ Optional
- N/A
)

Driver/passenger seat airbags	-	-	-	-
Front/rear side airbags	-	-	-	-
Front/rear head airbags (air curtain)	-	-	-	-

Active safety
(
• Standard
○ Optional
- N/A
)

ABS anti-lock braking system	•	•	•	•
Braking force distribution (EBD/CBC, etc.)	•	•	•	•
Brake assist (EBA/BAS/BA, etc.)	-	-	-	-
Traction control (ASR/TCS/TRC, etc.)	-	-	-	-
Vehicle stability control (ESC/ESP/DSC, etc.)	-	-	-	-
Tire pressure monitoring function	-	-	-	-
Seat belt unfastened reminder	•	•	•	•
ISOFIX child seat interface	-	-	-	-
Lane Departure Warning System	-	-	-	-
Active braking/active safety systems	-	-	-	-
Fatigue driving tips	-	-	-	-

Driving control
(
• Standard
○ Optional
- N/A
)

Driving mode switch	-	-	-	-
Automatic parking	-	-	-	-

Driving hardware (● Standard ○ Optional - N/A)

Front/rear parking radar	-	-	-	-
Driving assistance images	-	-	-	-

Driving functions (● Standard ○ Optional - N/A)

Cruise control system	-	-	-	-
Satellite navigation system	-	-	-	-
Navigation traffic information display	-	-	-	-
Lane change assistance	-	-	-	-
Lane Keeping Assist System	-	-	-	-
Assisted parking	-	-	-	-

Appearance/anti-theft (● Standard ○ Optional - N/A)

Rim material	● steel	● steel	● steel	● steel
Electric trunk	-	-	-	-
Central locking system in the car	●	●	●	●
Key type	● remote control key	● remote control key	● remote control key	● remote control key
Keyless start system	-	-	-	-
Keyless entry function	-	-	-	-

Exterior lights (● Standard ○ Optional - N/A)

Low beam light source	● halogen	● halogen	● halogen	● halogen
High beam light source	● halogen	● halogen	● halogen	● halogen
LED daytime running lights	-	-	-	-
Adaptive high and low beam	-	-	-	-
Automatic headlights	-	-	-	-
Front fog lights	○ halogen	○ halogen	-	-
Headlight height adjustable	●	●	●	●
Headlights delayed off	-	-	-	-

Skylight/Glass (● Standard ○ Optional - N/A)

Skylight Type	-	-	-	-
Front/rear electric windows	forward● / back-	forward● / back-	forward● / back-	forward● / back-
One-touch window lift function	-	-	-	-

Window anti-pinch function	-	-	-	-
Car makeup mirror	-	-	-	-
rear wiper	-	-	-	-
Rain sensor wiper function	-	-	-	-

exterior mirrors

(● Standard ○ Optional - N/A)

Exterior rearview mirror function	-	-	-	-
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Screen/System

(● Standard ○ Optional - N/A)

Central control color screen	-	-	-	-
Central control screen size	-	-	-	-
Bluetooth/car phone	-	-	-	-
Mobile phone interconnection/mapping	-	-	-	-
Voice recognition control system	-	-	-	-

Intelligent configuration

(● Standard ○ Optional - N/A)

Internet of Vehicles	-	-	-	-
OTA upgrade	-	-	-	-

Steering wheel/interior rearview mirror

(● Standard ○ Optional - N/A)

Steering wheel material	● plastic	● plastic	● plastic	● plastic
Steering wheel position adjustment	-	-	-	-
Multi-function steering wheel	-	-	-	-
Heated steering wheel	-	-	-	-
Steering wheel memory	-	-	-	-
Trip computer display screen	● monochrome	● monochrome	-	-
Full LCD instrument panel	-	-	-	-
LCD instrument size	-	-	-	-
Interior rearview mirror function	-	-	-	-

In-car charging

(● Standard ○ Optional - N/A)

Multimedia/charging port	● AUX	● AUX	● AUX	● AUX
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Number of USB/Type-C ports	-	-	-	-
Mobile phone wireless charging function	-	-	-	-

Seat configuration (● Standard ○ Optional - N/A)

Seat material	● fabric	● fabric	● fabric	● fabric
Main seat adjustment method	● Front and rear adjustment ● Backrest adjustment	● Front and rear adjustment ● Backrest adjustment	● Front and rear adjustment ● Backrest adjustment	● Front and rear adjustment ● Backrest adjustment
Passenger seat adjustment method	● Backrest adjustment	● Backrest adjustment	● Backrest adjustment	● Backrest adjustment
Electric adjustment of driver's seat and passenger seat	-	-	-	-
Front seat functions	-	-	-	-
Electric seat memory function	-	-	-	-
Second row seat adjustment	-	-	-	-
Rear seat folding	-	-	-	-
Front/rear center armrest	-	-	-	-
Rear cup holder	-	-	-	-

Audio/Interior Lighting (● Standard ○ Optional - N/A)

Speaker brand name	-	-	-	-
Number of speakers	● 2 speakers	● 2 speakers	● 2 speakers	● 2 speakers
Interior ambient lighting	-	-	-	-

Air conditioning/refrigerator (● Standard ○ Optional - N/A)

Air conditioning temperature control method	● Manual air conditioning	● Manual air conditioning	● Manual air conditioning	● Manual air conditioning
Rear independent air conditioning	-	-	-	-
Rear seat air vents	-	-	-	-
Temperature zone control	-	-	-	-
Car air purifier	-	-	-	-
In-car PM2.5 filter	-	-	-	-