

Vehicle Detail Report

Leapmotor C16 2026 extended range 280 Lidar
Zhizun Edition 6 seat

Basic Information

Color	All in-stock colors are available
Vehicle Location	In stock at Shanghai Port, Nansha Port, Horgos and other ports.
Attribute	Brand New

Vehicle Images







Configuration Information

Model Information

Model Name	Leapmotor C16 2026 extended range 280 Lidar Zhizun Edition 6 seat
Launch Date	2025.06

Basic parameters

Vehicle Class	Mid-size and large SUVs
Energy Type	Extended Range Electric Vehicle (EREV)
Maximum Power (kW)	70
Maximum Torque (N·m)	-
Transmission	Electric vehicle single speed gearbox
Body Type	SUV
Engine	Range extender 95 horsepower
Dimensions (L×W×H) (mm)	4915*1905*1770
Official 0-100 km/h Acceleration (s)	8.6
Top Speed (km/h)	170
Curb Weight (kg)	2145
Maximum Gross Weight (kg)	2595
Fast Charging Time (h)	0.32
Slow Charging Time (h)	3.5
Electric Motor (PS)	231
Fast Charging Range (%)	30-80
WLTC Electric Range (km)	182
WLTP Combined Fuel Consumption (L/100km)	0.67
CLTC Electric Range (km)	280

Basic parameters (continued)

First Owner Warranty Policy	Lifetime Warranty/Non-operational (Liability Exemption Terms Subject to Official)
Battery slow charging capacity range (%)	30-80
Lowest state-of-charge fuel consumption (L/100km) WLTC	6.42
Combined fuel consumption (L/100km)	3.02
Lowest state of charge fuel consumption (L/100km) CLTC	5.5

engine

Engine Model	H15R
Displacement (mL)	1499
Displacement (L)	1.5
Induction Type	Natural aspiration
Cylinder Arrangement	L
Number of Cylinders	4
Valves per Cylinder	4
Valve Train	DOHC
Maximum Power (PS)	95
Max Power Speed (rpm)	-
Max Torque Speed (rpm)	-
Maximum net power (kW)	68
Fuel Grade	92.
Fuel Delivery System	Multi-point EFI
Cylinder Head Material	Aluminum alloy
Cylinder Block Material	Aluminum alloy
Engine layout	Horizontal

Electric Motor

Motor Type	Permanent magnet/synchronous
Total Electric Motor Power (kW)	170
Total Electric Motor Torque (N·m)	320
Number of drive motors	Single motor

Electric Motor (continued)

Motor Layout	Rear
Battery Type	Lithium iron phosphate battery
Battery Capacity (kWh)	38.7
Total Electric Motor Power (PS)	231
Rear Electric Motor Max Power (kW)	170
Rear Electric Motor Max Torque (N·m)	320
Battery Cell Brand	Ningde Times
Battery Cooling System	Liquid cooling
Power consumption per 100 kilometers (kWh/100km)	20.2
Fast charging function	Support
WLTC comprehensive range (km)	970
Slow charging port location	Rear left side of the car
Warranty policy for first-time owners of Sandian	Lifetime Warranty/Non-operational (Liability Exemption Terms Subject to Official)
Fast charging port location	Rear left side of the car
External AC discharge power (kW)	3.3
CLTC comprehensive endurance (km)	1150

Screen/System

Central control color screen	<ul style="list-style-type: none">• Touch LCD screen
Infotainment Screen Size	<ul style="list-style-type: none">• 14.6 inches
Bluetooth/In-car Phone	<ul style="list-style-type: none">•
Smartphone Integration/Mirroring	<ul style="list-style-type: none">• HUAWEI HiCar support;• Carlink support
Voice recognition control system	<ul style="list-style-type: none">• Multimedia system;• Navigation;• Telephone;• Air conditioning;• Windows
Voice wake-up recognition by region	<ul style="list-style-type: none">• Four areas

Screen/System (continued)

In-vehicle intelligent system	•Leapmotor OS
Rear LCD screen	•
Facial Recognition	•
App Store	•
Central control screen resolution	•2.5K
Voice assistant wake-up word	• Hello, little zero
Voice wake-up word-free	•
Continuous speech recognition	•
See and Say	•
Car Intelligent Chip	• Qualcomm Snapdragon 8295P
Rear multimedia control	•
Rear LCD screen size	• 15.6 inches
Number of rear multimedia screens	• 1

Body

Length (mm)	4915
Width (mm)	1905
Height (mm)	1770
Wheelbase (mm)	2825
Front Track (mm)	1625
Rear Track (mm)	1625
Door Opening Type	swing door
Number of Doors	5
Number of Seats	6
Fuel Tank Capacity (L)	50
Trunk volume (L)	209-1022
Drag Coefficient (Cd)	-
Approach Angle (°)	19
Departure Angle (°)	21
Minimum ground clearance without load (mm)	205

Gearbox

Gearbox (continued)

Abbreviation	Electric vehicle single speed gearbox
Number of Gears	1
Transmission Type	Fixed Gear Ratio Transmission

Chassis steering

Drive Type	Rear-engine, Rear-wheel drive (RR)
Front Suspension Type	MacPherson independent suspension
Rear Suspension Type	Five-link independent suspension
Power Steering Type	Electric power assistance
Vehicle structure	bearing type

Seat Configuration

Seat Material	<ul style="list-style-type: none">• Leather
Main seat adjustment	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment;• Height adjustment (2-way);• Lumbar support (4-way)
Co-seat adjustment method	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment
Electric adjustment of driver's seat and passenger seat	Main •/Deputy •
Front seat functions	<ul style="list-style-type: none">• Heating;• Ventilation;• Massage
Electric seat memory function	<ul style="list-style-type: none">• Driving position
Front passenger seat rear adjustable buttons	<ul style="list-style-type: none">•
Second row seat adjustment	<ul style="list-style-type: none">• Front and rear adjustment;• Backrest adjustment;• Left and right adjustment
Rear seat folding	<ul style="list-style-type: none">• Proportional down
Front/rear center armrest	Front •/Rear •
Rear cup holder	<ul style="list-style-type: none">•
Second row seat functions	<ul style="list-style-type: none">• Heating;• Ventilation;• Massage
Seat Layout	•2-2-2
Second row independent seats	<ul style="list-style-type: none">•
Second row seats electrically adjustable	<ul style="list-style-type: none">•

Seat Configuration (continued)

Third row seat adjustment	<ul style="list-style-type: none">• Backrest adjustment
Rear small table	<ul style="list-style-type: none">•

Active safety

Anti-lock Braking System (ABS)	<ul style="list-style-type: none">•
Electronic Brakeforce Distribution (EBD/CBC)	<ul style="list-style-type: none">•
Brake Assist System (EBA/BAS/BA)	<ul style="list-style-type: none">•
Traction Control System (ASR/TCS/TRC)	<ul style="list-style-type: none">•
Electronic Stability Control (ESC/ESP/DSC)	<ul style="list-style-type: none">•
Tire Pressure Monitoring System (TPMS)	<ul style="list-style-type: none">• Tire pressure display
Seat Belt Reminder	<ul style="list-style-type: none">• Full vehicle
ISOFIX Child Seat Anchors	<ul style="list-style-type: none">•
Lane Departure Warning System (LDWS)	<ul style="list-style-type: none">•
Autonomous Emergency Braking (AEB)	<ul style="list-style-type: none">•
Driver Fatigue Detection	<ul style="list-style-type: none">•
Forward Collision Warning (FCW)	<ul style="list-style-type: none">•
Rear Collision Warning	<ul style="list-style-type: none">•
Low Speed Alert	<ul style="list-style-type: none">•
Emergency Call System (eCall)	<ul style="list-style-type: none">•
Built-in Dashcam	<ul style="list-style-type: none">•
Door Opening Warning (DOW)	<ul style="list-style-type: none">•
Roll-Over Protection System	<ul style="list-style-type: none">•
Sentry Mode	<ul style="list-style-type: none">•

Air conditioning/refrigerator

Air conditioning temperature control method	<ul style="list-style-type: none">• Automatic air conditioning
--	--

Air conditioning/refrigerator (continued)

Rear Independent Climate Control	•
Rear seat air vents	•
Temperature zone control	•
Car air purifier	-
In-cabin PM2.5 Filter	•
In-car Refrigerator	•
Air quality monitoring	•

Passive safety

Driver/passenger airbag	Main •/Deputy •
Front/rear side airbags	Front •/Rear-
Front/rear head airbags (curtain airbags)	Front •/Rear •

Wheel brake

Front Brake Type	Ventilation disc
Rear Brake Type	Ventilation disc
Parking brake type	Electronic Parking
Front Tire Size	245/45 R21
Rear Tire Size	255/45 R21
Spare Tire Size	-

Audio/Interior Lighting

Number of speakers	• 21 Horn
Interior ambient lighting	• Multicolor
Active ambient lighting	•
Dolby Atmos	•

Driving functions

Navigation traffic information display	•
Lane assist	•
Lane Keeping Assist System	•
Cruise control system	• Full speed adaptive cruise
Satellite navigation system	•
Driving assistance level	•L2
Rear Cross Traffic Alert	•

Driving functions (continued)

Lane centering	<ul style="list-style-type: none">•
Road traffic sign recognition	<ul style="list-style-type: none">•
Map Brand	<ul style="list-style-type: none">• Gaud
Driver assistance systems	<ul style="list-style-type: none">•Leapmotor Pilot
High-precision map	<ul style="list-style-type: none">•
Hands-off detection	<ul style="list-style-type: none">•
Memory Parking	<ul style="list-style-type: none">•
Start reminder	<ul style="list-style-type: none">•
AR real-time navigation	<ul style="list-style-type: none">•
Parking Assist	<ul style="list-style-type: none">•
Lane Change Assist	<ul style="list-style-type: none">•
Automatic Ramp Entry/Exit Assist	<ul style="list-style-type: none">•
Highway sections	<ul style="list-style-type: none">• Urban sections; • Expressway sections

Exterior lighting

Low beam light source	<ul style="list-style-type: none">•LED
High beam light source	<ul style="list-style-type: none">•LED
LED daytime running lights	<ul style="list-style-type: none">•
Adaptive high and low beam	<ul style="list-style-type: none">•
Automatic headlights	<ul style="list-style-type: none">•
Height-adjustable headlights	<ul style="list-style-type: none">•
Headlight Delay Off	<ul style="list-style-type: none">•
Scene Light Language	<ul style="list-style-type: none">•

Exterior mirrors

Exterior mirror function	<ul style="list-style-type: none">•Electric adjustment; •Electric folding; •Rearview mirror memory; •Rearview mirror heating; •Automatically turn down when reversing; •Automatically fold when locking the car
---------------------------------	---

Appearance/anti-theft

Rim material	<ul style="list-style-type: none">• Aluminum alloy
Electric trunk	<ul style="list-style-type: none">•

Appearance/anti-theft (continued)

Electronic engine immobilizer	<ul style="list-style-type: none">•
Central locking system in the car	<ul style="list-style-type: none">•
Key Type	<ul style="list-style-type: none">• Bluetooth key; • NFC/RFID key
Keyless start system	<ul style="list-style-type: none">•
Keyless entry function	<ul style="list-style-type: none">• Front row
Electric trunk position memory	<ul style="list-style-type: none">•
Roof rack	<ul style="list-style-type: none">•
Remote start function	<ul style="list-style-type: none">•
Battery preheating	<ul style="list-style-type: none">•
Hidden electric door handle	<ul style="list-style-type: none">•
Discharge to the outside	<ul style="list-style-type: none">•

Skylight/Glass

Sunroof Type	<ul style="list-style-type: none">• Sectional unopenable skylight
Front/rear electric windows	Front •/Rear •
One-touch window lifting function	<ul style="list-style-type: none">• Full vehicle
Window anti-pinch function	<ul style="list-style-type: none">•
Car makeup mirror	<ul style="list-style-type: none">• Main driver's lamp; • co-pilot's lamp
Rear wiper	<ul style="list-style-type: none">•
Rain sensor wiper function	<ul style="list-style-type: none">• Rainfall-sensing
Rear side privacy glass	<ul style="list-style-type: none">•
Side window multi-layer soundproof glass	<ul style="list-style-type: none">• Front row; • Rear row

Interior and exterior color

Exterior Color	Metallic Black #000000 sky gray #787878 Galaxy Silver #C7CCD0 Pearl White #FAFAFA Coloured glaze #325C40 Star Yu Purple #5A516F
Interior Color	Black Chixia Orange #000000 #ED9A5A Black Star Purple #000000 #49347B Black malt rice #000000 #F9F9F7

Steering wheel/interior mirror

Steering wheel/interior mirror (continued)

Steering Wheel Material	<ul style="list-style-type: none">• Leather
Steering wheel position adjustment	<ul style="list-style-type: none">• Manual up and down front and rear adjustment
Multi-function steering wheel	<ul style="list-style-type: none">•
Heated Steering Wheel	<ul style="list-style-type: none">•
Steering wheel memory	-
Trip computer display screen	<ul style="list-style-type: none">• Color
Full LCD instrument panel	<ul style="list-style-type: none">•
LCD instrument size	<ul style="list-style-type: none">• 10.25 inches
Interior rearview mirror function	<ul style="list-style-type: none">• Automatic anti-glare
Gear shifting	<ul style="list-style-type: none">• Electronic gear shift

Intelligent configuration

Connected Car Services	<ul style="list-style-type: none">•
OTA Updates	<ul style="list-style-type: none">•
4G/5G Network	<ul style="list-style-type: none">•4G
Mobile APP remote function	<ul style="list-style-type: none">• Door control; • Window control; • Vehicle start; • Charging management; • Climate control; • Vehicle status check/diagnostics; • Vehicle location / find my car; • Owner services (charging stations, gas stations, parking, etc.); • Service/repair appointment
Car KTV	<ul style="list-style-type: none">•

Driving Control

Driving mode switch	<ul style="list-style-type: none">• Sport; • Standard/Comfort; • Customize/Personalize
Automatic parking	<ul style="list-style-type: none">•
Steep slope descent	<ul style="list-style-type: none">•
Hill start assist	<ul style="list-style-type: none">•
Energy recovery system	<ul style="list-style-type: none">•
Variable suspension function	<ul style="list-style-type: none">• Suspension damping adjustment

Driving Hardware

Front/rear parking radar	Front •/Rear •
Driving Assistance Camera System	<ul style="list-style-type: none">• 360-degree panoramic image; • Vehicle side blind area image

Driving Hardware (continued)

Front perception camera	• Binocular
Number of cameras	• 11
Number of ultrasonic radars	• 12
Transparent chassis/540-degree imaging	•
Millimeter wave radar quantity	• 3
Assisted driving chip	• Qualcomm Xiaolong 8650
LiDAR Brand	• HESAI Technology
LiDAR Model	• AT128
Number of LiDARs	• 1
Laser radar line number	• 128 line
Number of cameras in the car	• 1
Front perception camera pixels	• USD 1,176,471
Environmental awareness camera pixels	• USD 441,176
Surround view camera pixels	• USD 441,176

In-car charging

Multimedia/charging port	• USB; • Type-C
Number of USB/Type-C ports	• 2 in the front row/4 in the back row
Mobile phone wireless charging function	• Front row
USB/Type-C maximum charging power	• 60W
Mobile phone wireless charging power	• 50W

"●" = Standard equipment

"□" = Not available

"○" = Optional equipment.

Note: These are Chinese market vehicles. Warranty coverage is not available outside of China.