

Parameter configuration	Hongqi E-QM5 23 models 431km basic travel version	Hongqi E-QM5 23 PLUS 620km	Hongqi E-QM5 22 431km Charging Pleasure Edition 5-seater	
<b>Basic information</b>				
Manufacturers	FAW Hongqi New Energy	FAW Hongqi New Energy	FAW Hongqi New Energy	
level	Mid-size car	Mid-size car	Mid-size car	
Type of energy	Pure electric	Pure electric	Pure electric	
Time to market		25/04/2023	17/08/2022	12/03/2022
CLTC pure electric range [km]	-		620	-
NEDC pure electric range [km]		431	605	431
Fast charging time[h]	0.5	0.7	0.5	
Fast charge [%]	20-80	20-80	20-80	
Electric Motor[Ps]		136	190	190
Gearbox	1 gear fixed gear ratio	1 gear fixed gear ratio	1 gear fixed gear ratio	
Length*width*height[mm]	5040*1910*1569	5040*1910*1569	5040*1910*1569	
Body structure	4-door, 5-seater sedan	4-door, 5-seater sedan	4-door, 5-seater sedan	
Maximum speed[km/h]		130	160	160
Vehicle warranty	4 years or 100,000 km	4 years or 100,000 km	4 years or 100,000 km	
First owner warranty policy	Unlimited years/unlimited miles (liability exclusion terms are subject to official conditions).	Unlimited years/unlimited miles (liability exclusion terms are subject to official conditions).	Unlimited years/unlimited miles (liability exclusion terms are subject to official conditions).	
<b>Appearance color</b>				
Interior color				
Body				
Length[mm]		5040	5040	5040
Width[mm]		1910	1910	1910
Height[mm]		1569	1569	1569
Wheelbase[mm]		2990	2990	2990
Front track[mm]		1650	1630	1630
Rear track[mm]		1650	1630	1630
How the door opens	Swing doors	Swing doors	Swing doors	
Number of doors		4	4	4
Number of seats		5	5	5
Approach angle[°]		14	14	14
Departure angle[°]		18	18	18
Minimum turning radius[m]	5.85	5.88	5.88	
Official trunk volume[L]		433	433	433
Curb weight[kg]		1810	1900	1810
Full load mass [kg]		2260	2350	2260
<b>Electric motors</b>				
Number of drive motors	Single motor	Single motor	Single motor	
Motor layout	Front-facing	Front-facing	Front-facing	
Motor type	Permanent magnet synchronization	Permanent magnet synchronization	Permanent magnet synchronization	
Total motor power [KW]		100	140	140
Total horsepower of electric motor [Ps]		136	190	190
Total torque of electric motor[N·m]		260	320	320
Maximum power of front motor [KW]		100	140	140
Maximum torque of front motor[N·m]		260	320	320
<b>Battery/Replenishment</b>				

Battery type	Lithium iron phosphate battery	Ternary lithium battery	Lithium iron phosphate battery
Cell brand	Verdy	CATL era	Jiangsu era
Battery temperature management	<ul style="list-style-type: none"> <li>Low temperature heating</li> <li>Liquid cooling</li> </ul>	<ul style="list-style-type: none"> <li>Low temperature heating</li> <li>Liquid cooling</li> </ul>	<ul style="list-style-type: none"> <li>Low temperature heating</li> <li>Liquid cooling</li> </ul>
CLTC pure electric range [km]	-		620 -
NEDC pure electric range [km]		431	605 431
Battery level [kWh]		54	82 54
Battery energy density[Wh/kg]		140	172 140
Power consumption per 100km[kWh/100km]	13.5	13.2	13.5
Vehicle charging port	<ul style="list-style-type: none"> <li>Fast charging port</li> </ul>	<ul style="list-style-type: none"> <li>Fast charging port</li> </ul>	<ul style="list-style-type: none"> <li>Fast charging port</li> </ul>
Slow filling port position	-	-	-
Quick charging port location	<ul style="list-style-type: none"> <li>Front left side of the car</li> </ul>	<ul style="list-style-type: none"> <li>Front left side of the car</li> </ul>	<ul style="list-style-type: none"> <li>Front left side of the car</li> </ul>
Fast charging time[h]	0.5	0.7	0.5
Fast charge [%]	20-80	20-80	20-80
Vehicle power exchange	-	-	-
Home charging piles	-	-	-
On-board charging cable	-	-	-
External discharge function	-	-	-
Battery pack warranty	5 years or 500,000 km	8 years or 150,000 km	8 years or 150,000 km
Gearbox			
Gearbox description	Electric vehicle single-speed gearbox	Electric vehicle single-speed gearbox	Electric vehicle single-speed gearbox
Gearbox type	Fixed gear ratio	Fixed gear ratio	Fixed gear ratio
Number of gear bits		1	1 1
Chassis steering			
Drive form	Front drive	Front drive	Front drive
Four-wheel drive form	-	-	-
Center differential structure	-	-	-
Front suspension type	MacPherson independent suspension	MacPherson independent suspension	MacPherson independent suspension
Rear suspension type	Multi-link independent suspension	Multi-link independent suspension	Multi-link independent suspension
Assist type	Electric assist	Electric assist	Electric assist
Adjustable suspension function	-	-	-
Adjustable suspension type	-	-	-
Body structure	Load-bearing type	Load-bearing type	Load-bearing type
Limited-slip differential	-	-	-
Differential lock	-	-	-
Wheel brakes			
Front brake type	<ul style="list-style-type: none"> <li>Ventilated disc type</li> </ul>	<ul style="list-style-type: none"> <li>Ventilated disc type</li> </ul>	<ul style="list-style-type: none"> <li>Ventilated disc type</li> </ul>
Rear brake type	<ul style="list-style-type: none"> <li>Disc type</li> </ul>	<ul style="list-style-type: none"> <li>Disc type</li> </ul>	<ul style="list-style-type: none"> <li>Disc type</li> </ul>
Parking brake type	Electronic parking	Electronic parking	Electronic parking
Front tire specifications	<ul style="list-style-type: none"> <li>215/55 R18</li> </ul>	<ul style="list-style-type: none"> <li>235/50 R18</li> </ul>	<ul style="list-style-type: none"> <li>235/50 R18</li> </ul>
Rear tire specifications	<ul style="list-style-type: none"> <li>215/55 R18</li> </ul>	<ul style="list-style-type: none"> <li>235/50 R18</li> </ul>	<ul style="list-style-type: none"> <li>235/50 R18</li> </ul>
spare wheel	<ul style="list-style-type: none"> <li>No spare tire</li> </ul>	<ul style="list-style-type: none"> <li>No spare tire</li> </ul>	<ul style="list-style-type: none"> <li>No spare tire</li> </ul>
How the spare wheel is placed	-	-	-
Proactive security			
ABS anti-lock braking	<ul style="list-style-type: none"> <li></li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>	<ul style="list-style-type: none"> <li></li> </ul>

Braking force distribution (EBD/CBC, etc.)	•	•	•
Brake assist (BA/EBA/BAS, etc.)	•	•	•
Traction control (ASR/TCS/TRC, etc.)	•	•	•
Body stability control (ESP/DSC/VSC, etc.)	•	•	•
Seat belt not fastened reminder	• First row	• Full vehicle	• Full vehicle
Tire pressure monitoring	• Tire pressure display	• Tire pressure display	• Tire pressure display
Passive safety			
Main driver airbags	•	•	•
Co-pilot airbag	•	•	•
First row of side airbags	•	•	•
Second row side airbags	-	•	•
Side air curtains	-	-	-
Knee airbags	-	-	-
Co-pilot's saddled airbag	-	-	-
Rear seatbelt airbags	-	-	-
Anti-slip airbags in the rear seats	-	-	-
Central airbag	-	-	-
Second row of positive airbags	-	-	-
Child seat interface	•	•	•
Passive pedestrian protection	-	-	-
Run-flat tires	-	-	-
Auxiliary/manipulative configuration			
Front parking radar	-	-	-
Rear parking radar	-	-	-
Reversing side warning system	-	-	-
Open door collision warning	-	-	-
Driver assistance images	• Reversing video	• Reversing video	• Reversing video
Chassis perspective	-	-	-
Cruise system	-	• Cruise control	-
	• Economy	• Economy	• Economy
Driving mode selection	• Standard / Comfortable	• Standard / Comfortable	• Standard / Comfortable
Fatigue reminder	-	-	-
Automatic parking	-	-	-
Remote parking	-	-	-
Remote summoning	-	-	-
Engine start-stop	-	-	-
Automatic parking	•	•	•
Uphill assist	•	•	•
Steep slopes descend	-	-	-
Night vision system	-	-	-
Variable steering ratio	-	-	-
Integral active steering system	-	-	-
Wading sensing system	-	-	-
Assisted driving functions			
Parallel Assist (BSM/BSL)	-	-	-
Lane Departure Warning (LDWS)	-	-	-
Lane keeping (LKAS)	-	-	-
The lane is kept centered	-	-	-

Road traffic sign recognition	-	-	-
Forward collision warning	•	•	•
Rear collision warning	-	-	-
Active braking	•	•	•
Automatic lane change assist	-	-	-
The ramp is automatically exiting/entering	-	-	-
Reversing the track	-	-	-
Assisted driving hardware	-	-	-
Level of driving assistance	-	-	-
Ultrasonic radar	-	-	-
Look around at the camera	-	-	-
In-car camera	-	-	-
External configuration	-	-	-
Sunroof type	-	-	-
Sporty look kit	-	-	-
Electric spoiler	-	-	-
Rim material	• Aluminum alloy	• Aluminum alloy	• Aluminum alloy
Electric suction door	-	-	-
Automatic opening and closing of doors	-	-	-
Frameless doors	-	-	-
Side sliding doors	-	-	-
Roof racks	-	-	-
Key type	• Key fob key	• Key fob key	• Key fob key
Keyless start	•	•	•
Keyless entry	-	-	-
Hide electric door handles	-	-	-
Actively closed grille	-	-	-
Power tailgate	-	-	-
Tailgate position memory	-	-	-
Induction tailgate	-	-	-
The tailgate glass opens independently	-	-	-
Side footrest	-	-	-
Low-speed driving warning sound	•	•	•
Sentinel (clairvoyance) mode	-	-	-
Internal configuration	-	-	-
Steering wheel material	• Cortex	• Cortex	• Cortex
Steering wheel adjustment	• Manual up and down adjustment	• Manual up and down adjustment	• Manual up and down adjustment
Shift form	Electronic gear lever shifting	Electronic gear lever shifting	Electronic gear lever shifting
Multifunction steering wheel	•	•	•
Steering wheel shifting	-	-	-
The steering wheel is heated	-	-	-
Trip computer display	• Color	• Color	• Color
Full LCD instrument cluster	-	-	-
HUD heads-up display	-	-	-
Built-in dashcam	-	-	•
Wireless charging of mobile phones	-	-	-
ETC device	-	-	-
Active noise cancellation	-	-	-
Electrically adjustable pedals	-	-	-
Single pedal mode	-	-	-

Seat configuration			
Seat material	• Imitation leather	• Imitation leather	• Imitation leather
Sport-style seats	-	-	-
The main driver's seat is electrically adjusted	-	-	-
The passenger seat is electrically adjustable	-	• Electric adjustment	• Electric adjustment
	• Front and rear adjustment	• Front and rear adjustment	• Front and rear adjustment
	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
Main driver seat adjustment	• High and low adjustment (2 directions).	• High and low adjustment (2 directions).	• High and low adjustment (2 directions).
	• Waist adjustment (4-way).	• Waist adjustment (4-way).	• Waist adjustment (4-way).
	• Front and rear adjustment	• Front and rear adjustment	• Front and rear adjustment
Co-pilot seat adjustment	• Backrest adjustment	• Backrest adjustment	• Backrest adjustment
First row seat function	-	• Ventilation (main driver).	-
Boss key	-	-	-
The second row seats are electrically adjustable	-	-	-
Second row seat adjustment	-	-	-
Second row seat function	-	-	-
Central armrest	• First row	• First row	• First row
	• Second row	• Second row	• Second row
Seat layout	• 2+3	• 2+3	• 2+3
How the rear seats are reclined	-	-	-
The rear seats are reclined electrically	-	-	-
Rear cup holders	• Second row	• Second row	• Second row
Heating/cooling cup holders	-	-	-
Rear folding table	-	-	-
Vehicle/Connected			
Central color screen	• Touch LCD screen	• Touch LCD screen	• Touch LCD screen
Central screen size	• 10	• 10	• 10
Co-pilot screen	-	-	-
Vehicle-machine network	• 4G	• 4G	• 4G
OTA upgrades	• Vehicle OTA	• Vehicle OTA	• Vehicle OTA
Car WiFi function	• WiFi connection	• WiFi connection	• WiFi connection
	• WiFi hotspot	• WiFi hotspot	• WiFi hotspot
Car navigation map	-	• Gaode	• Gaode
V2X communication	-	-	-
Roadside assistance calls	-	-	-
Bluetooth/car phone	•	•	•
Phone interconnection/mapping	-	-	-
Voice assistant wake words	• Hi, Red Flag	• Hi, Red Flag	• Hi, Red Flag
		• Multimedia system	• Multimedia system
Voice recognition control function	-	• Navigation	• Navigation
		• Phone	• Phone
Gesture control	-	-	-
Facial recognition	-	-	-
	• Vehicle starting		

Remote control function	<ul style="list-style-type: none"> <li>• Vehicle condition inquiry/diagnosis</li> </ul>	<ul style="list-style-type: none"> <li>• Vehicle starting</li> </ul>	<ul style="list-style-type: none"> <li>• Vehicle starting</li> </ul>
Audio-visual entertainment			
In-vehicle APP application market	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Car CD/DVD	-	-	-
Multimedia/charging interface	<ul style="list-style-type: none"> <li>• USB</li> </ul>	<ul style="list-style-type: none"> <li>• USB</li> </ul>	<ul style="list-style-type: none"> <li>• USB</li> </ul>
Number of USB/Type-C interfaces	<ul style="list-style-type: none"> <li>• 1 front row / 2 rear rows</li> </ul>	<ul style="list-style-type: none"> <li>• 1 front row / 2 rear rows</li> </ul>	<ul style="list-style-type: none"> <li>• 1 front row / 2 rear rows</li> </ul>
Rear control multimedia	-	-	-
Cockpit 220V/230V power supply	-	-	-
Power connector for luggage compartment	-	-	-
Audio brand	-	-	-
Number of speakers	<ul style="list-style-type: none"> <li>• 4</li> </ul>	<ul style="list-style-type: none"> <li>• 4</li> </ul>	<ul style="list-style-type: none"> <li>• 4</li> </ul>
Sound audition	<ul style="list-style-type: none"> <li>• 4</li> </ul>	<ul style="list-style-type: none"> <li>• 4</li> </ul>	<ul style="list-style-type: none"> <li>• 4</li> </ul>
Light function			
Low beam light source	<ul style="list-style-type: none"> <li>• LED</li> </ul>	<ul style="list-style-type: none"> <li>• LED</li> </ul>	<ul style="list-style-type: none"> <li>• LED</li> </ul>
High beam light source	<ul style="list-style-type: none"> <li>• LED</li> </ul>	<ul style="list-style-type: none"> <li>• LED</li> </ul>	<ul style="list-style-type: none"> <li>• LED</li> </ul>
Lighting features	-	-	-
LED daytime running lights	-	-	-
Headlight function	<ul style="list-style-type: none"> <li>• Height adjustment</li> </ul>	<ul style="list-style-type: none"> <li>• Height adjustment</li> <li>• Automatic opening and closing</li> </ul>	<ul style="list-style-type: none"> <li>• Height adjustment</li> </ul>
Turn assist lights	-	-	-
Front fog lights	-	-	-
Headlight cleaning device	-	-	-
Interior mood lights	-	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Glass/mirrors			
First row of power windows	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
Second row of power windows	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>•</li> </ul>
The window is raised and lowered at the touch of a button	<ul style="list-style-type: none"> <li>• Full vehicle</li> </ul>	<ul style="list-style-type: none"> <li>• Full vehicle</li> </ul>	<ul style="list-style-type: none"> <li>• Full vehicle</li> </ul>
Window anti-pinch function	<ul style="list-style-type: none"> <li>• Full vehicle</li> </ul>	<ul style="list-style-type: none"> <li>• Full vehicle</li> </ul>	<ul style="list-style-type: none"> <li>• Full vehicle</li> </ul>
Multi-layer acoustic glass	-	-	-
Exterior mirror function	<ul style="list-style-type: none"> <li>• Electric adjustment</li> <li>• Heated mirrors</li> </ul>	<ul style="list-style-type: none"> <li>• Electric adjustment</li> <li>• Heated mirrors</li> </ul>	<ul style="list-style-type: none"> <li>• Electric adjustment</li> <li>• Heated mirrors</li> </ul>
Interior mirror function	<ul style="list-style-type: none"> <li>• Manual anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>• Manual anti-glare</li> </ul>	<ul style="list-style-type: none"> <li>• Manual anti-glare</li> </ul>
Rear side privacy glass	-	-	-
Rear side sunshades	-	-	-
Rear windshield sunshade	-	-	-
In-car vanity mirror	<ul style="list-style-type: none"> <li>• Main driver</li> <li>• Co-pilot</li> </ul>	<ul style="list-style-type: none"> <li>• Main driver</li> <li>• Co-pilot</li> </ul>	<ul style="list-style-type: none"> <li>• Main driver</li> <li>• Co-pilot</li> </ul>
Sensor wiper function	-	<ul style="list-style-type: none"> <li>• Rain-sensing type</li> </ul>	-
Rear wipers	-	-	-
Heatable spout	-	-	-
Air conditioning/cooling			
First row air conditioning	<ul style="list-style-type: none"> <li>• Automatic air conditioning in dual-temperature zone</li> </ul>	<ul style="list-style-type: none"> <li>• Automatic air conditioning in dual-temperature zone</li> </ul>	<ul style="list-style-type: none"> <li>• Automatic air conditioning in dual-temperature zone</li> </ul>
Second row air conditioning	<ul style="list-style-type: none"> <li>• Air outlet</li> </ul>	<ul style="list-style-type: none"> <li>• Air outlet</li> </ul>	<ul style="list-style-type: none"> <li>• Air outlet</li> </ul>

Third row air conditioning	-	-	-
Heat pump air conditioning	-	-	-
Air quality monitoring	-	-	-
PM2.5 filter device in the car	•	•	•
Car air purifier	-	-	-
Negative ion generator	-	-	-
Fragrance system	-	-	-
Car refrigerator	-	-	-