

**YANGWANG****U8 Off-Road Version****U8 Luxury Version****Basic Parameters**

Manufacturer	YANGWANG	YANGWANG
Class	Large SUV	Large SUV
Energy Type	Range-Extended	Range-Extended
WLTC Pure Electric Range (km)	-	<b>124</b>
CLTC Pure Electric Range (km)	120	<b>180</b>
Fast Charging Time (hours)	0.3	0.3
Slow Charging Time (hours)	8	8
Fast Charging Range (%)	30-80	30-80
Slow Charging Range (%)	15-100	15-100
Maximum Power (kW)	880	880
Maximum Torque (N·m)	1280	1280
Transmission	Single-Speed EV	Single-Speed EV
Body Structure	5-door, 5-seat SUV	5-door, 5-seat SUV
Engine	2.0T 272 hp L4	2.0T 272 hp L4
Electric Motor (Ps)	1197	1197
Dimensions (mm)	5325*2095*1940	5319*2050*1930
Official 0-100 km/h Acceleration (s)	3.9	<b>3.6</b>
Top Speed (km/h)	190	<b>200</b>
WLTC Combined Fuel Consumption (L/100km)	-	<b>1.69</b>
Electric Equivalent Fuel Consumption (L/100km)	-	<b>2.8</b>
Vehicle Warranty	● Six years or 150,000 km	● Six years or 150,000 km
Curb Weight (kg)	3490	3460
Maximum Gross Vehicle Weight (kg)	4170	3985
Trailer Load Capacity (kg)	2500	2500

**Body**

Body Length (mm)	5325	5319
Body Width (mm)	2095	2050
Body Height (mm)	1940	1930
Wheelbase (mm)	3050	3050
Front Track (mm)	1764	1740
Rear Track (mm)	1755	1731
Minimum Ground Clearance (mm)	285	285
Approach Angle (°)	37.5	36.5
Departure Angle (°)	38	35.4
Ramp Breakover Angle (°)	26.5	25.5
Minimum Turning Radius (m)	5.76	5.76
Maximum Wading Depth (mm)	1400	1000
Body Structure	SUV	SUV
Door Opening Type	Swing Door	Swing Door
Number of Doors	● 5	● 5
Number of Seats	● 5	● 5
Fuel Tank Capacity (L)	75	75
Trunk Capacity (L)	1031-2050	1031-2050

**Engine**

Engine Model	BYD487ZQD	BYD487ZQD
Displacement (mL)	1997	1997
Displacement (L)	2	2
Intake Type	Turbocharged	Turbocharged
Engine Layout	Transverse	Transverse
Cylinder Arrangement	L	L
Number of Cylinders	4	4
Number of Valves per Cylinder	4	4
Valve Mechanism	DOHC	DOHC
Maximum Horsepower (Ps)	272	272
Maximum Power (kW)	200	200
Net Maximum Power (kW)	180	180
Energy Type	Range-Extended	Range-Extended
Recommended Fuel Grade	92 Octane	92 Octane
Fuel Supply Method	Direct Injection	Direct Injection
Cylinder Head Material	Aluminum Alloy	Aluminum Alloy
Cylinder Block Material	Aluminum Alloy	Aluminum Alloy

Electric Motor		
Front Motor Brand	BYD	BYD
Rear Motor Brand	BYD	BYD
Front Motor Model	TZ220XYP+TZ220XYN	TZ220XYP+TZ220XYN
Rear Motor Model	TZ220XYP+TZ220XYA	TZ220XYP+TZ220XYA
Motor Type	Permanent Magnet/Synchronous	Permanent Magnet/Synchronous
Total Motor Power (kW)	880	880
Total Motor Horsepower (Ps)	1197	1197
Total Motor Torque (N·m)	1280	1280
Front Motor Maximum Power (kW)	440	440
Front Motor Maximum Torque (N·m)	640	640
Rear Motor Maximum Power (kW)	440	440
Rear Motor Maximum Torque (N·m)	640	640
System Total Power (kW)	880	880
System Total Power (Ps)	1197	1197
System Total Torque (N·m)	1280	1280
Number of Drive Motors	Four Motors	Four Motors
Motor Layout	Front + Rear	Front + Rear
Battery Type	● Lithium Iron Phosphate Battery	● Lithium Iron Phosphate Battery
Cell Brand	● Fudi	● Fudi
Battery Unique Technology	Blade Battery	Blade Battery
Battery Cooling Method	Liquid Cooling	Liquid Cooling
WLTC Pure Electric Range (km)	-	124
CLTC Pure Electric Range (km)	120	180
CLTC Comprehensive Range (km)	780	1000
Battery Capacity (kWh)	49.05	49.05
Fast Charging Function	Supported	Supported
Battery Fast Charging Time (hours)	0.3	0.3
Battery Slow Charging Time (hours)	8	8
Battery Fast Charging Range (%)	30-80	30-80
Battery Slow Charging Range (%)	15-100	15-100
Slow Charging Port Location	Right Rear Side	Right Rear Side
Fast Charging Port Location	Right Rear Side	Right Rear Side
External AC Discharge Power (kW)	6	6
Minimum External Discharge Allowance (%)	15	15
Transmission		
Transmission Abbreviation	Electric Single-Speed Transmission	Electric Single-Speed Transmission
Number of Gears	1	1
Transmission Type	Fixed Gear Ratio Transmission	Fixed Gear Ratio Transmission
Steering		
Drive Mode	● Four Motor All-Wheel Drive	● Four Motor All-Wheel Drive
All-Wheel Drive Type	● Electric All-Wheel Drive	● Electric All-Wheel Drive
Front Suspension Type	● Double Wishbone Independent Suspension	● Double Wishbone Independent Suspension
Rear Suspension Type	● Double Wishbone Independent Suspension	● Double Wishbone Independent Suspension
Assist Type	● Electric Assist	● Electric Assist
Body Structure	Non-Load-Bearing	Non-Load-Bearing
Braking		
Front Brake Type	● Ventilated Disc	● Ventilated Disc
Rear Brake Type	● Ventilated Disc	● Ventilated Disc
Parking Brake Type	● Electronic Parking	● Electronic Parking
Front Tire Specification	● 285/55 R20	● 275/50 R22
Rear Tire Specification	● 285/55 R20	● 275/50 R22
Spare Tire Specification	● Full-Size	● Full-Size
Spare Tire Placement	● Rear-Mounted	● Rear-Mounted
Passive Safety		
Driver/Passenger Airbags	Driver ● / Passenger ●	Driver ● / Passenger ●
Front/Rear Side Airbags	Front ● / Rear ●	Front ● / Rear ●
Front/Rear Head Airbags (Curtains)	Front ● / Rear ●	Front ● / Rear ●
Knee Airbags	● Driver's Knee Airbag	● Driver's Knee Airbag
Active Safety		
ABS Anti-lock Braking System	●	●
Brake Force Distribution (EBD/CBC etc.)	●	●
Brake Assistance (EBA/BAS/BA etc.)	●	●
Traction Control (ASR/TCS/TRC etc.)	●	●
Electronic Stability Control (ESC/ESP/DSC etc.)	●	●

Tire Pressure Monitoring System	● Tire Pressure Display	● Tire Pressure Display
Seatbelt Reminder	● All Seats	● All Seats
ISOFIX Child Seat Interfaces	●	●
Lane Departure Warning System	●	●
Active Braking/Active Safety System	●	●
Fatigue Driving Alert	●	●
DOW Door Opening Warning	-	●
Forward Collision Warning	●	●
Rear Collision Warning	-	●
Sentinel Mode/Long-Range Vision	●	●
Low-Speed Driving Warning	●	●
Built-in Dashcam	●	●
Roadside Assistance Call	●	●
Anti-Rollover System	●	●
<b>Driving Control</b>		
	● Sport	● Sport
Driving Mode Switch	● Economy	● Economy
	● Standard/Comfort	● Standard/Comfort
	● Off-Road	● Off-Road
	● Snow	● Snow
Energy Recovery System	●	●
Automatic Parking	●	●
Hill Start Assist	●	●
Hill Descent Control	●	●
Variable Suspension Function	● Suspension Hardness Adjustment	● Suspension Hardness Adjustment
	● Suspension Height Adjustment	● Suspension Height Adjustment
Towing Mode	●	●
<b>4WD/Off-Road</b>		
Limited-Slip Differential/Differential Lock	● Front Axle Differential Lock	● Front Axle Differential Lock
	● Rear Axle Differential Lock	● Rear Axle Differential Lock
Water Wading Sensing System	●	●
Creeping Mode	●	●
Tank Turn	●	●
Water Wading Hose	●	-
Towing Hook	○ Manual	○ Manual
<b>Driving Hardware</b>		
Front/Rear Parking Sensors	Front ● / Rear ●	Front ● / Rear ●
Driving Assistance Imaging	● 360-Degree Surround View	● 360-Degree Surround View
Transparent Chassis/540-Degree Imaging	●	●
Assisted Driving Chip	● Nvidia Drive Orin	● 2 Nvidia Drive Orin
Total Chip Computing Power	● 254 TOPS	● 508 TOPS
Front Perception Cameras	● Stereo x2	● Stereo x2
Number of Cameras	● 7	● 16
Number of Interior Cameras	● 2	-
Number of Ultrasonic Sensors	● 10	● 14
Number of Millimeter-Wave Radars	-	● 5
LiDAR Brand	-	● RoboSense
LiDAR Model	-	● RS-LiDAR M1
Number of LiDARs	-	● 3
LiDAR Line Count	-	● 96 Lines
LiDAR 10% Reflectivity Detection Distance	-	● 150 meters
LiDAR Point Cloud Quantity	-	● 780,000 per second
Maximum Detection Distance	-	● 200 meters
<b>Driving Function</b>		
Cruise Control System	● Full-Speed Adaptive Cruise	● Full-Speed Adaptive Cruise
Assisted Driving System	● Yuanwang Pilot	● Yuanwang Pilot
Assisted Driving Level	● L2	● L2
Reversing Side Warning System	-	●
In-Car Satellite Communication	●	-
Satellite Navigation System	●	●
Navigation Traffic Information Display	●	●
Map Brand	● Gaode	● Gaode
Lane Change Assistance	●	●
Lane Keeping Assist System	●	●
Lane Centering	●	●
Traffic Sign Recognition	●	●
Night Vision System	●	-

Automatic Parking	-	●
Remote Parking	-	●
Automatic Lane Change Assistance	●	●
Ramp Automatic Exit (Entry)	-	●
Traffic Light Recognition	-	●
Autonomous Driving Assistance Sections		● City Roads
		● Highway Roads

#### Appearance/Anti-Theft

Wheel Rim Material	● Aluminum Alloy	● Aluminum Alloy
Electric Door Latch	● All Doors	● All Doors
Electric Trunk	-	-
Roof Rack	●	-
Engine Electronic Anti-Theft	●	●
In-Car Central Lock	●	●
Key Type	● Remote Key	● Remote Key
	● Bluetooth Key	● Bluetooth Key
	● NFC/RFID Key	● NFC/RFID Key
	● UWB Digital Key	● UWB Digital Key
Keyless Start System	●	●
Keyless Entry Function	● All Doors	● All Doors
Hidden Electric Door Handles	●	●
Remote Start Function	●	●
Side Steps	● Fixed	● Electric
External Power Supply	●	●

#### Exterior Lighting

Low Beam Light Source	● LED	● LED
High Beam Light Source	● LED	● LED
Lighting Special Features	● Matrix	● Matrix
LED Daytime Running Lights	●	●
Adaptive High/Low Beams	●	●
Automatic Headlights	●	●
Steering Assistance Lights	●	●
Front Fog Lights	-	-
Headlight Height Adjustment	●	●
Headlight Delay Off	●	●

#### Sunroof/Glass

Sunroof Type	-	● Panoramic Sunroof (Openable)
Front/Rear Electric Windows	Front ● / Rear ●	Front ● / Rear ●
One-Touch Window Lift Function	● All Windows	● All Windows
Window Pinch Prevention Function	●	●
Side Window Multi-Layer Soundproof Glass	● All Windows	● All Windows
Rear Side Privacy Glass	●	●
Interior Vanity Mirrors	● Driver + Lighting	● Driver + Lighting
	● Passenger + Lighting	● Passenger + Lighting
Rear Wiper	●	●
Rain Sensor Wipers	● Rain Sensing	● Rain Sensing
Heated Washer Nozzles	●	●

#### Exterior Mirrors

	● Electric Adjustment	● Electric Adjustment
	● Electric Folding	● Electric Folding
Exterior Mirror Functions	● Mirror Memory	● Mirror Memory
	● Mirror Heating	● Mirror Heating
	● Auto-Dip Reversing	● Auto-Dip Reversing
	● Auto-Fold on Lock	● Auto-Fold on Lock
	● Auto-Dimming	● Auto-Dimming

#### Screen/System

Central Control Color Screen	● Touch OLED Screen	● Touch OLED Screen
Central Screen Size	● 12.8 inches	● 12.8 inches
Central Screen Type	● OLED	● OLED
Passenger Entertainment Screen Size	● 23.6 inches	● 23.6 inches
Passenger Screen Type	● MINI LED	● MINI LED
Bluetooth/Car Phone	●	●
Mobile Connectivity/Mirroring	●	●
	● Multimedia System	● Multimedia System
Voice Recognition Control System	● Navigation	● Navigation
	● Phone	● Phone
	● Air Conditioning	● Air Conditioning

Voice Assistant Wake-Up Word	● Hello, Yangwang	● Hello, Yangwang
Voice Non-Wake-Up Word	●	●
Voice Multi-Region Wake-Up Recognition	● Four Regions	● Four Regions
Voice Continuous Recognition	●	●
Facial Recognition	●	●
App Store	●	●
In-Car Intelligent System	● Yangwang Link	● Yangwang Link
In-Car Intelligent Chip	● Qualcomm Snapdragon 8 Gen1	● Qualcomm Snapdragon 8 Gen1
Rear LCD Screen	○	●
Rear LCD Screen Size	○ 7 inches	● 7 inches
		● Dual 12.8 inches
Rear Multimedia Screen Quantity	○ 1 unit	2 units
Rear Multimedia Control	○	●
In-Car System Memory (GB)	● 16	● 16
In-Car System Storage (GB)	● 512	● 512
Multi-Finger Floating Screen Control	●	●
<b>Intelligent Features</b>		
Car Connectivity	●	●
4G/5G Network	● 5G	● 5G
OTA Upgrade	●	●
Wi-Fi Hotspot	●	●
In-Car Biometric Monitoring System	●	●
	● Door Control	● Door Control
	● Vehicle Start	● Vehicle Start
Mobile App Remote Functions	● Air Conditioning Control	● Air Conditioning Control
	● Vehicle Status/Diagnosis	● Vehicle Status/Diagnosis
	● Vehicle Location/Search	● Vehicle Location/Search
Simulated Engine Sound	-	-
<b>Steering Wheel/Interior Rearview Mirror</b>		
Steering Wheel Material	● Leather	● Leather
Steering Wheel Adjustment	● Electric Up/Down + Fore/Aft Adjustment	● Electric Up/Down + Fore/Aft Adjustment
Gear Shift Type	● Electronic Shifter	● Electronic Shifter
Multifunction Steering Wheel	●	●
Steering Wheel Paddle Shifters	-	-
Heated Steering Wheel	●	●
Steering Wheel Memory	●	●
Driving Computer Display Screen	● Color	● Color
Full LCD Instrument Panel	●	●
LCD Instrument Size	● 23.6 inches	● 23.6 inches
Instrument Panel Screen Material	● MINI LED	● MINI LED
AR-HUD Augmented Reality Head-Up Display	●	●
HUD Head-Up Size	● 70 inches	● 70 inches
Interior Rearview Mirror Features	● Auto-Dimming	● Auto-Dimming
	● Streaming Media Mirror	● Streaming Media Mirror
ETC Device	●	●
<b>In-Car Charging</b>		
Multimedia/Charging Interfaces	● USB	● USB
	● Type-C	● Type-C
Number of USB/Type-C Ports	○ 4 Front/4 Rear	● 4 Front/4 Rear
	● 4 Front/2 Rear	
USB/Type-C Maximum Charging Power	● 60W	60W
220V/230V Power Supply	●	●
Wireless Phone Charging	Front ● / Rear ○	Front ● / Rear ●
Wireless Charging Power	● 50W	● 50W
12V Power Outlet in Trunk	●	●
<b>Seat Configuration</b>		
Seat Material	● Leather	● Leather
	● Forward/Back Adjustment	● Forward/Back Adjustment
	● Recline Adjustment	● Recline Adjustment
Driver Seat Adjustment	● Height Adjustment (4-way)	● Height Adjustment (4-way)
	● Leg Rest Adjustment	● Leg Rest Adjustment
	● Lumbar Support (4-way)	● Lumbar Support (4-way)
	● Forward/Back Adjustment	● Forward/Back Adjustment
	● Recline Adjustment	● Recline Adjustment
Passenger Seat Adjustment	● Height Adjustment (4-way)	● Height Adjustment (4-way)

Exterior Color

- Green
- Black

Interior Color

- Black+Green

Legend:

- Green
- White
- Black
- Matte Green
- Silver
- Black+Orange
- Gray+Brown
- Black

