Borderless International Trade Co., Ltd.
Product Manual

PRODUCT DETAILS

EXTERIOR COLOR OPTIONS

Green

Black

White

Green

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Silver

BODY SIZE

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PARAMETER

YANGWANG U8

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●Standard configuration -_None	**Deluxe Edition**
Basic Information	
Manufacturer	YANGWANG
Level	Large SUV
Energy type	Extended range pure electric
CLTC pure electric range [km]	180
Fast charging time[h]	0.3
Fast charging capacity [%]	30-80
Slow charging time[h]	8
Slow charging capacity[%]	15-100
Engine	2.0T 272 horsepower L4
Motor[Ps]	1197
Gearbox	1st gear fixed gear ratio
Length*width*height[mm]	5319*2050*1930
Body structure	5-door, 5-seater SUV
Maximum speed [km/h]	200
Official 0-100km/h acceleration [s]	3.6
WLTC comprehensive fuel consumption [L/100km]	1.69
Fuel consumption in low power state [L/100km]	6.5
Body	
Length[mm]	5319
Width[mm]	2050
Height[mm]	1930
Wheelbase [mm]	3050
Front wheelbase [mm]	1740
Rear wheelbase [mm]	1731
Car door opening method	Swing door
Number of doors	5
Number of seats	5
Approach angle [°]	36.5
Departure angle [°]	35.4
Passage angle [°]	25.5
Minimum ground clearance without load [mm]	285
Minimum turning radius [m]	5.76
Fuel tank volume [L]	75
Official trunk volume [L]	1031-2050
Curb weight [kg]	3460
Full load mass [kg]	3985
Traction mass [kg]	2500
Engine	
Engine model	BYD487ZQD
Displacement [mL]	1997
Displacement[L]	2.0
Intake form	Turbocharging

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Engine layout	Horizontal
Cylinder arrangement	L
Number of cylinders [number]	4
Number of valves per cylinder [number]	4
Air Supply	DOHC
Maximum power [kW]	200
Maximum horsepower[Ps]	272
Maximum net power [kW]	180
Fuel grade	No. 92
Fuel supply method	Direct injection
Cylinder head material	Aluminum alloy
Cylinder material	Aluminum alloy
Electric motor	
Number of drive motors	Four motors
Motor layout	Front + rear
Motor type	Permanent magnet synchronization
Total motor power [kW]	880
Total motor horsepower [Ps]	1197
Motor total torque [N·m]	1280
Maximum power of front electric motor [kW]	440
Maximum torque of front electric motor [N·m]	640
Maximum power of rear electric motor [kW]	440
Maximum torque of rear electric motor [N·m]	640
Battery/recharge	
Battery Type	Lithium iron phosphate battery
Battery brand	Ferdy
Battery temperature management	● Low temperature heating ● Liquid cooling
CLTC pure electric range [km]	180
CLTC comprehensive range [km]	1000
Battery power [kWh]	49.05
Vehicle charging port	● Slow charging port ● Fast charging port
Slow charging port location	● Right rear side of car
Fast charging port location	● Right rear side of car
Fast charging power [kW]	110
Fast charging time[min]	18
Fast charging time[h]	0.3
Fast charging capacity [%]	30-80
Slow charging power [kW]	7
Slow charging time[h]	8
Slow charging capacity[%]	15-100
Home charging pile	●

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Car charging gun	●
External discharge function	●
External discharge power	● 6kW
Gearbox	
Gearbox description	Electric vehicle single speed gearbox
Gearbox type	Fixed gear ratio
Number of gears	1
Chassis steering	
Drive form	Four-motor four-wheel drive
Four-wheel drive	Electric four-wheel drive
Front suspension type	Double wishbone independent suspension
Rear suspension type	Double wishbone independent suspension
Assist type	electric assist
Adjustable suspension features	● Height adjustment ● Hard and soft adjustment
Body structure	Non-load-bearing
Differential lock	● Front axle ● Rear axle
Maximum wading depth[mm]	1000
Wheel brake	
Front brake type	● Ventilated disc type
Rear brake type	● Ventilated disc type
Parking brake type	Electronic parking
Front tire specifications	● 275/50 R22
Rear tire specifications	● 275/50 R22
Spare tire	● Full size
Spare tire placement	● Backpack
Active safety	
ABS anti-lock	●
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	● The whole car
Tire pressure monitoring	● Tire pressure display
In-car biometric monitoring	●
Passive safety	
Main driver airbag	●
Passenger airbag	●
First row side airbag	●
Second row side airbags	●
Side curtain airbags	●
Knee air bag	● Main driver
Child seat interface	●
Auxiliary/control configuration	
Front parking radar	●

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Rear parking radar	●
Reverse side warning system	●
Door opening collision warning	●
Driving assistance images	● 360-degree panoramic image
Chassis perspective	●
Cruise system	● Full-speed adaptive cruise
Driving mode selection	● Sport ● Economy ● Standard/Comfort ● Off-road ● Snow
Fatigue reminder	●
Automatic parking	●
Remote control parking	●
Automatic parking	●
Hill assist	●
Steep descent	●
Wading sensing system	●
Creep mode	●
Tank turns	●
Anti-rollover system	●
Assisted driving functions	
Parallel assistance (BSM/BSD)	●
Lane Departure Warning (LDWS)	●
Lane Keeping (LKAS)	●
Lane centering	●
Road traffic sign recognition	●
Forward collision warning	●
Rear collision warning	●
Active braking	●
Automatic lane change assist	●
Automatic ramp exit/entry	●
High-speed assisted driving	●
Urban assisted driving	●
Assisted driving hardware	
Driving assistance level	● L2
Assisted driving chip	● 2 NVIDIA Drive Orin
Chip computing power	● 508 TOPS
Lidar brand	● RoboSense
Lidar model	● RS-LiDAR M1
LiDAR quantity	● 3
Lidar line number	● 96 lines
Lidar maximum detection distance [m]	● 200
Lidar 10% reflectivity detection distance [m]	● 150
Number of lidar point clouds [10,000/second]	● 78
Millimeter wave radar	● 5
Ultrasonic radar	● First 8/Last 6

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Front sensing camera type	● Binocular x 2
Environment aware camera	● 8
Surround camera	● 4
Car camera	● 4
External configuration	
Skylight type	● Panoramic sunroof can be opened
Rim material	●Aluminum alloy
Electric suction door	● The whole car
Key type	● Remote control key ● Bluetooth key ● NFC/RFID key ● UWB digital key
Keyless start	●
Keyless entry	● The whole car
Hidden electric door handle	●
Car side pedals	● Electric
Low speed driving warning sound	●
Sentinel (clairvoyance) mode	●
Internal configuration	
Steering wheel material	● Genuine leather
Steering wheel adjustment	● Electric up and down + front and rear adjustment ● Steering wheel memory
Shift pattern	Electronic gear shifting
Multifunction steering wheel	●
Steering wheel heating	●
Trip computer display	● Color
Full LCD instrument panel	●
Instrument screen size [inches]	● 23.6
Instrument screen material	● MINI LED
HUD heads up display	●
Built-in driving recorder	●
Mobile phone wireless charging	● First row ● Second row
Maximum wireless charging power of mobile phones [W]	● 50
Single pedal mode	●
Seat configuration	
Seat material	● Genuine leather
Electric driver's seat adjustment	● Electric adjustment with memory
Passenger seat electric adjustment	● Electric adjustment with memory
Driver's seat adjustment method	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Waist adjustment (4-way) ● Leg rest adjustment
Passenger seat adjustment method	● Front and rear adjustment ● Backrest adjustment ● Height adjustment (4-way) ● Waist adjustment (4-way) ● Leg rest adjustment
First row seat functions	● Heating ● Ventilation ● Massage
Boss button	●

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Electrically adjustable second row seats	● Electric adjustment with memory
Second row seat adjustment method	● Backrest adjustment ● Waist adjustment (4-way) ● Leg rest adjustment
Second row seat functions	● Heating ● Ventilation ● Massage
center armrest	● First row ● Second row
Seat layout	● 2+3
Rear seat folding method	● Scale down
Electrically reclining rear seats	● Second row
Rear cup holder	● Second row
Car/Internet	
Central control color screen	●Touch OLED screen
Central control screen size [inch]	● 12.8
Central control screen material	● OLED
Passenger screen	●Touch LCD screen
Passenger screen size [inches]	● 23.6
Passenger screen material	● MINI LED
Multi-finger flying screen control	●
Vehicle system	Looking up Link
Vehicle system memory [GB]	● 16
Vehicle system storage [GB]	● 512
Vehicle-to-machine network	● 5G
Media entertainment	
Car APP application market	●
Multimedia/charging interface	● USB ● Type-C ● SD
Number of USB/Type-C interfaces	● 4 people in the front row/4 people in the back row
In-car entertainment functions	● Karaoke
Simulated sound	●
Rear seat control multimedia	●
Number of multimedia screens in the rear row	● 2
Rear multimedia screen size [inch]	● 12.8
Cockpit 220V/230V power supply	● 220V
Luggage compartment power interface	● 12V
Audio brand	● Dynaudio
Number of speakers	● 22
Light function	
Low beam light source	●LED
High beam light source	●LED
Lighting features	●Matrix
LED daytime running lights	●
Headlight function	● Height adjustment ● Automatic opening and closing ● Adaptive high and low beam ● Delayed shutdown
Turn assist light	●

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Car interior ambient light	● 127 colors
Glass/rear view mirror	
First row electric windows	●
Second row power windows	●
One-click lifting and lowering of windows	● The whole car
Window anti-pinch function	● The whole car
Multilayer soundproof glass	● The whole car
Exterior rearview mirror function	● Electric adjustment ● Heated rearview mirror ● Electric folding ● Rearview mirror memory ● Automatic flip down when reversing ● Automatic folding when the car is locked ● Automatic anti-dazzle
Interior rearview mirror function	● Automatic anti-glare ● Streaming media rearview mirror
Rear side privacy glass	●
Car vanity mirror	● Main driver + lighting ● Co-pilot + lighting
Sensing wiper function	●Rain sensor type
Air conditioning/refrigeration	
First row air conditioner	●Dual-temperature zone automatic air conditioning
Second row air conditioner	●Dual-temperature zone automatic air conditioning
Heat pump air conditioner	●
Air quality monitoring	●
In-car PM2.5 filter device	●
Car air purifier	●
Negative ion generator	●
Fragrance system	●
Car refrigerator	●

Statement:

All content in this product catalog is subject to the latest real vehicle configuration, please contact the salesperson for details.

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