

RIDDARA RD6 Econ Specification

Model name		RD6 Econ 2WD				RD6 Econ 4WD			
Style name		310km extended cargo bed	430km standard cargo bed/ extended cargo bed	505km extended cargo bed	605km standard cargo bed/ extended cargo bed	330km extended cargo bed	460km standard cargo bed/ extended cargo bed	520km extended cargo bed	
Vehicle Parameters	Vehicle dimensions (mm)	5500×1900×1830	5260/5500×1900×1865	5500×1900×1865	5260/5500×1900×1865	5500×1900×1880	5260/5500×1900×1880	5500×1900×1880	
	Wheelbase (mm)	3310	3120/3310	3310	3120/3310	3310	3120/3310	3310	
	Cargo size (mm)	1765×1450×540	1525/1765×1450×540	1765×1450×540	1525/1765×1450×540	1765×1450×540	1525/1765×1450×540	1765×1450×540	
	2WD/4WD	2WD				4WD			
	Battery pack type	Lithium iron phosphate battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Ternary lithium battery	Lithium iron phosphate battery	Lithium iron phosphate battery	Ternary lithium battery	
	Electric range(CLTC)	310	430	505	605	330	460	520	
	Battery pack capacity (kWh)	42	63	73	86	55	73	86	
Power	Peak total motor power (kW)	180				280			
	Peak total torque of the motor (N·m)	309				485			
	0–100km/h acceleration time (seconds)	8.2	8.1	7.8		6.9	5.7		
	Maximum speed (km/h)	160				160			
	Maximum climbing degree	65%				95%			
	Drive mode	Economy/Comfort/Sport				Economy/Comfort/Sport Snow/Mud/Off-road			
	Rated load capacity	790kg				910kg			
	STC high-strength wear-resistant and anti-corrosion composite material cargo bed	●	●	●	●	●	●	●	
Safety	Chassis safety	The battery pack comes with a high-strength metal protective plate, IP68 dustproof and waterproof rating, and six major safety technologies for the battery							
	Ground clearance (mm)	185	220			225			
	Driving and riding safety	70% high-strength steel, 30300N·m/deg body torsional stiffness, 8-ton roof compressive strength							
	Pedestrian safety	The shortest braking distance under full load is 39m							
	One-Box	●	●	●	●	●	●	●	
	Braking energy recovery system	●	●	●	●	●	●	●	
	Disc brake	●	●	●	●	●	●	●	
	Front dual airbags	●	●	●	●	●	●	●	
	Tire pressure monitoring system	●	●	●	●	●	●	●	
	Reverse radar	●	●	●	●	●	●	●	
	rear-view camera	—	●	●	●	●	●	●	
	Driving	Suspension system	The battery pack comes with a high-strength metal protective plate, IP68 dustproof and waterproof rating, and six major safety technologies for the battery						
Acceleration response		Linear acceleration without jerking							
Minimum turning radius		6.5m	6.1m/6.5m	6.5m	6.1m/6.5m	6.5m	6.1m/6.5m	6.5m	
EPS electric power steering system		●	●	●	●	●	●	●	
ESC vehicle electronic stability system		●	●	●	●	●	●	●	
EBA electronic brake assist system		●	●	●	●	●	●	●	
TCS traction control		●	●	●	●	●	●	●	
HHC hill hold control		●	●	●	●	●	●	●	
HDC hill descent control		●	●	●	●	●	●	●	
EPB electronic parking brake		●	●	●	●	●	●	●	
Auto Hold		●	●	●	●	●	●	●	
Interior configuration		Push-button ignition	●	●	●	●	●	●	●
		Keyless entry system	—	●	●	●	—	●	●
	Cruise control	—	●	●	●	—	●	●	
	6-way powered adjustable driver's seat	●	●	●	●	●	●	●	
	4-way power adjustable front passenger's seat	●	●	●	●	●	●	●	
	Fabric seats	●	—	—	—	●	—	—	
	Faux leather seat	—	●	●	●	—	●	●	
	4/6 foldable Rear Bench	●	●	●	●	●	●	●	
	Powered adjustable exterior rearview mirrors	●	●	●	●	●	●	●	
	Multifunctional steering wheel	●	●	●	●	●	●	●	
	CN95-grade air conditioning filter element	●	●	●	●	●	●	●	
	PM2.5 air purification function	●	●	●	●	●	●	●	
	4-doors one-touch control anti-pinch powered windows	—	●	●	●	—	●	●	
	8.8-inch instrument panel	●	●	●	●	●	●	●	
	8-inch central control screen	●	●	●	●	●	●	●	
	USB interface	●	●	●	●	●	●	●	
	Bluetooth phone/Bluetooth music	●	●	●	●	●	●	●	
	External configuration	Number of speakers	2	4	4	4	2	4	4
Halogen headlights		●	●	●	●	●	●	●	
Automatic headlight activation function		●	●	●	●	●	●	●	
LED daytime running lights		●	●	●	●	●	●	●	
LED taillights		●	●	●	●	●	●	●	
Detachable internal rope hook		●	●	●	●	●	●	●	
Cargo Trunk light		—	●	●	●	—	●	●	
Electric unlock trunk tailgate		●	●	●	●	●	●	●	
Tire model		225/65R17	225/65R17	225/65R17	225/65R17	235/65R17	235/65R17	235/65R17	
Wheel hub material		Steel wheel hub+decorative cover	Steel wheel hub+decorative cover	Steel wheel hub+decorative cover	Aluminum wheels (silver)	Steel wheel hub+decorative cover	Aluminum wheels (silver)	Aluminum wheels (silver)	
Optional equipment		Discharge	Fast charging port supports 220V/380V, with a maximum discharge power of 15kW (requires connection to a PSP 220/380 power source device)						
		Wheel hub material	—	—	—	○Aluminum wheel hub (black)	—	—	○Aluminum wheel hub (black)
	Roll cage+external rope hook+spare tire	—	○	○	○	—	○	○	

Notes:

1. The symbol "●" indicates standard configuration, "—" indicates no such configuration, and "○" indicates optional configuration.

2. The CLTC comprehensive operating condition endurance mileage data is based on testing under the CLTC standard operating conditions. Actual driving may vary due to differences in terrain, weather, road conditions, battery level, and load, among other testing factors. The 0-100 km/h acceleration time is the fastest acceleration time. Actual performance may vary due to differences in terrain, weather, road conditions, battery level, and load, among other testing factors. These values are for reference only.

3. Parameters in the configuration table, such as 0-100 km/h acceleration time, maximum gradient, braking distance, and minimum turning radius, are simulated or internally tested values. Actual vehicle performance may vary slightly due to testing environment, road conditions, vehicle status, and other factors. The above data is for reference only.

4. Radar will continuously update and improve its products. The configuration and parameters of automotive products may change accordingly. We will strive to ensure the completeness and accuracy of the information; however, due to some objective reasons, such as the continuous update of laws and regulations, individual differences in understanding related information, and delays in updating the information, there may be some differences between the actual vehicle and the introductory information. The actual vehicle shall prevail.

5. All the above product specifications and descriptions are based on the domestic version of the RIDDARA RD6 Econ.

RD6 Econ

—Global Commercial and Passenger EV Pickup—



Riddara FaceBook



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Power

Torque | 485 N·m peak torque
Power | 280 kW peak power
Climbing Ability | 95% maximum gradient
Off-Road Capability | Snowfield/mud/terrain escape in multiple scenarios
Loading Capacity | 1765mm long cargo bed, rated load 910kg
STC material: solid, anti-corrosion, wear-resistant, and rust-proof

Safety

Chassis Safety | 225mm ground clearance, battery guard against scratches
Driving safety | Roof withstands 8 tons of pressure, reinforced body protection design
Pedestrian Safety | Braking distance when fully loaded 39m

Driving

Acceleration | 0-100 km/h acceleration in 5.7s, smooth driving without jerking
Steering | 2 N·m electric power steering
Minimum turning radius 6.1m
Comfort | Seating space equivalent to a 5-seater mid-size SUV
Backrest angle 115°
Idling noise <35dB

Cost Saving

Vehicle Usage | Travel cost per kilometer 0.5 yuan
Maintenance | Maintenance every 20,000 km, approximately 200 yuan per maintenance
Operation | 15kW external power output