



THE ROUGHER·THE CALMER

Jialing All-Terrain Vehicle



A century of heritage · Innovation-driven



A century of manufacturing heritage, opening a new chapter in all terrains

The off-road recreational vehicle series, covering two major technology routes: fuel and electric.
Committed to providing high-quality outdoor driving and riding experiences for users around the world.



Owning more than 50 invention patents and 12 provincial and ministerial science and technology awards



1979
Ushering in a new era for Chinese motorcycles

2002
Embarking on the road of innovation for all-terrain vehicles



1875
Committed to serving the country through industry



Full-scenario product matrix meets diverse needs

Whether you pursue the ultimate fuel power or prefer green smart technology, there is always a suitable one for you in Jialing.



JL320A
Fuel/Electric



JL620A
Fuel/Electric

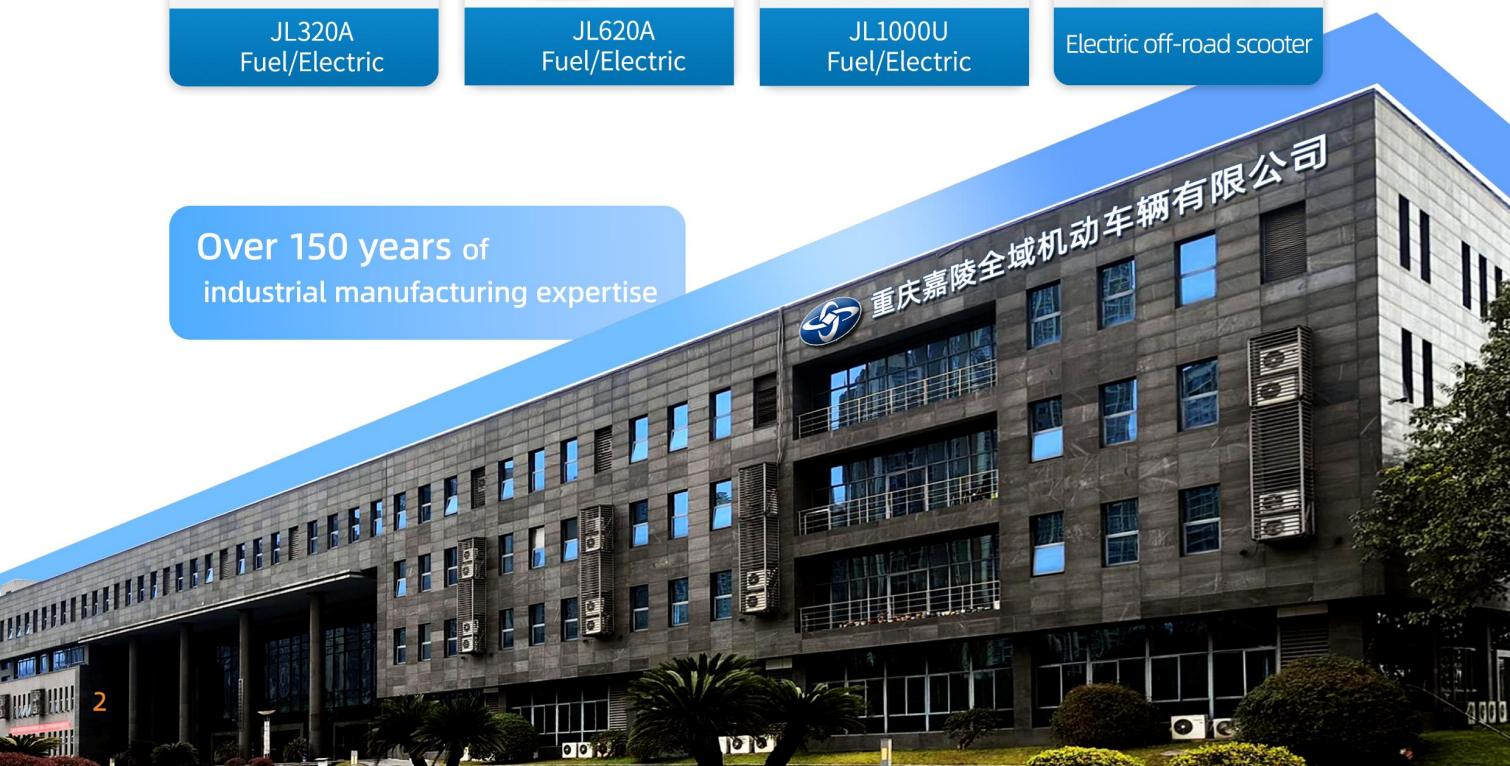


JL1000U
Fuel/Electric



Electric off-road scooter

Over 150 years of industrial manufacturing expertise





JL1000U (Gasoline) The Ultimate Power, Heavy-Duty Off-Road King

1000cc V-twin water-cooled engine, stable, reliable, energy-saving and efficient
Electronically controlled autonomous 4WD system, easily cope with extreme road conditions
Four-wheel independent heavy-duty suspension, load ratio close to 1:1
Ultra-high strength frame, strong adaptability to multiple scene modifications



Electric UTVs: Both Stillness and Strength, A New Era of Electric Off-Roading

Peak power 60Kw, endurance 150km, green and powerful
400V high-voltage battery system, high-efficiency water-cooled motor
Modular design, compatible with fuel platform components
It has the same strong off-road passability as fuel vehicles





UTV Series Technical Specifications

Parameter Category	Parameter Details	JL300DU	JL1000U
Basic Parameters	L × W × H (mm)	3200×1780×1980	3200×1780×1980
	Wheelbase (mm)	2060	2060
	Ground Clearance (mm)	320	320
	Curb Weight (kg)	830	780
	Max Load (kg)	600	650
	Energy / Fuel Tank Related	High energy 400V, 58A.h ternary lithium	Vehicle fuel tank capacity: 40L
	Maximum Speed (km/h)	90	90
	Range (km)	150	300
Power Parameters	Power type	High-efficiency water-cooled motor 30KW, peak 60KW	V-twin, 4-stroke, liquid-cooled, 8-valve, overhead cam engine
	Displacement (cc)/Specifications	/	963
	Cylinder diameter × stroke (mm)	/	91×74×2
	Maximum horsepower / corresponding speed (HP/rpm)	/	71/7000
	Maximum torque / corresponding speed (N•m/rpm)	/	74/6500
	Compression ratio	/	10.6:1
	Fuel supply method	/	EFI (Electronic Fuel Injection)
	Ignition control method	/	ECU
	Transmission type	Integrated gearbox	CVT (Continuously Variable Transmission)
Chassis parameters	Drive type	Electronically controlled 2WD/4WD switching	Electronically controlled 2WD/4WD switching
	Braking type	Four-wheel hydraulic disc brakes + rear wheel-mounted manual parking brake	Four-wheel hydraulic disc brakes + rear wheel-mounted manual parking brake
	Suspension type	Front/rear double wishbone independent suspension	Front/rear double wishbone independent suspension
	Suspension travel (mm)	Front 225°, Rear 225°	Front 225°, Rear 225°
	Shock absorber type	Front/rear variable-rate coil springs + oil damping	Front/rear variable-rate coil springs + oil damping
	Rim size	Front 14×6.0AT, Rear 14×8.0AT	Front 14×6.0AT, Rear 14×8.0AT
	Tyre size	Front 27×9-8PRAT, Rear 27×11-8PRAT	Front 27×9-8PRAT, Rear 27×11-8PRAT
	Available Configurations (Wireframe depicted in basic configuration)	Electric winch, windshield, aluminum wheels, railing doors	Electric winch, windshield, aluminum alloy rims, railing doors
	Available Colors	Black, Desert Yellow, Red	Black, Desert Yellow, Red
	Packaging Dimensions/Weight	2960×2100×1260(mm) 1050 (KG)	2960×2100×1260(mm) 1000 (KG)



JL320A (Fuel) - Flexible and versatile to conquer complex terrain



Abundant power, fuel-efficient
Part-time four-wheel drive,
flexible switching
Continuously variable speed,
simple operation
Independent suspension,
stable driving.
Equipped with a winch for
the self-rescue and mutual rescue
Compact structure,
practical and durable.

JL320A (Electric) - Dual-motor driven as a green all-rounder



Dual motors (5kW front and 11kW rear), intelligent power distribution
96V140Ah large-capacity battery, long-lasting
Low center of gravity design, single-pedal control is safe and stable
Zero noise and zero emissions, suitable for park, agriculture, forestry and other scenarios.

JL620A (fuel) Powerful and continuously variable transmission



Violent power, extremely fast response
Solid core, heavy-duty weapon
Power-assisted operation, easy driving
Extremely agile, off-road monster.



ATV Series Technical Specifications

Parameter Category	Parameter Details	Electric ATV	JL320A ATV	JL620A ATV
Basic Parameters	L × W × H (mm)	2040×1100×1270	2040×1100×1270	2235×1180×1390
	Wheelbase (mm)	1240	1240	1480±20
	Ground Clearance (mm)	250	250	270
	Curb Weight (kg)	355	305	400
	Max Load (kg)	130	180	230
	Energy / Fuel Tank Related	Battery capacity: 96V140AH×2; waterproof grade IP67	Vehicle fuel tank capacity: 14L	Vehicle fuel tank capacity: 18L
	Maximum Speed (km/h)	80	80	80
	Range (km)	150	250	300
Power Parameters	Power type	Dual mid-mounted motors: 5kW front, 11kW rear	Single-cylinder, four-stroke, SOHC, water-cooled engine	Single-cylinder, water-cooled, four-stroke, SOHC, four-valve engine
	Displacement (cc)/Specifications	/	287.2	580
	Cylinder diameter × stroke (mm)	/	75×65	91×89.2
	Maximum horsepower / corresponding speed (HP/rpm)	/	23/6800	45/6500
	Maximum torque / corresponding speed (N·m/rpm)	/	28/5500	51/6000
	Compression ratio	/	11:1	10.68:1
	Fuel supply method	/	EFI / Carburetor	Electronic fuel injection
	Ignition control method	/	CDI	CDI
	Transmission type	/	CVT (Continuously Variable Transmission)	CVT (Continuously Variable Transmission)
Chassis parameters	Drive type	Electronically switchable 2WD/4WD	Electronically switchable 2WD/4WD	Electronically switchable 2WD/4WD
	Braking type	Four-wheel disc brakes + rear-wheel manual parking brake	Four-wheel disc brakes + rear wheel central manual parking	Four-wheel disc brakes + rear-wheel manual parking brake
	Suspension type	Double wishbone independent suspension	Double wishbone independent suspension	Double wishbone independent suspension
	Suspension travel (mm)	-	-	-
	Shock absorber type	Variable-rate coil springs + oil-damped	Variable-rate coil springs + oil-damped	Variable-rate coil springs + oil-damped
	Rim size	Front 12×6, Rear 12×8	Front 12×6, Rear 12×8	Front 12×6, Rear 12×7.5
	Tyre size	Front 24×8-12 Rear 24×8-12	Front 24×8-12 Rear 24×8-12	Front 25×8-8PR-AT Rear 25×10-8PR-AT
	Available Configurations (Wireframe depicted in basic configuration)	Electric winch, electronic fuel injection, Aluminum alloy rims	Electric winch, electronic fuel injection, Aluminum alloy rims	Electric winch, aluminum alloy rims, electronic power steering
	Available Colors	Red, black, blue	Red, black, blue	Red, black, blue
	Packaging Dimensions/Weight	1990×1160×860(mm) 410 (KG)	1990×1160×860(mm) 360 (KG)	2300×1300×860(mm) 470 (KG)



Folding electric off-road scooter for exploring nature

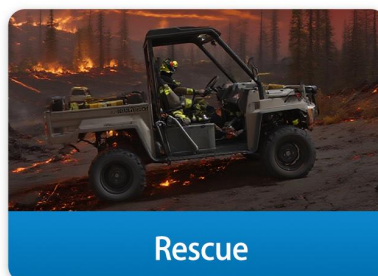
Dual 1000W motors, peak power 3000W, climbing 30° slopes as easy as walking on flat ground

100km long battery life, worry-free cross-city travel, smart APP interconnection, GPS positioning, fault self-diagnosis
6 major battery protection systems, safe and detachable, 6061 aluminum alloy frame, light and strong, easy to fold and store

Parameter Category	Parameter Category	Specifications
Basic Parameters	Product Dimensions (mm)	1380×600×1400
	Folded Dimensions (mm)	1380×600×645
	Wheelbase (mm)	1050
Power Parameters	Drive mode	Independent front and rear wheel drive / Dual-wheel drive
	Motor power	800W x 2 (peak power: 1500W x 2)
	Battery type	High-energy-density lithium-ion battery / integrated, removable (with BMS system)
	Battery rated voltage/capacity	48V/20.8AH
	Range	60km (standard mode) / 40km (off-road mode)
	Maximum speed	60km/h
	Maximum gradeability	40%
Chassis Parameters	Front/rear shock absorber travel	80mm/80mm
	Tire type	11-inch's all-terrain, true off-road, tubular tires
	Brake type	Front and rear disc brake
Weight and Load Parameters	Frame material	Main material: 6061 aluminum alloy
	Curb weight	≤42kg
	Load capacity	150kg
Controls and Functions Parameters	Control system	Onboard ECU + Bluetooth (supports app connectivity: ISO/Android)
	Functional modules	GPS positioning, fault self-diagnosis

Multi-scenario application, omnipotent

Police/Emergency Rescue/Agriculture, Forestry, Animal Husbandry and Fishery/Outdoor Adventure/Park Patrol/Personal Leisure





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