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GEELY SUPER VAN Pure Electric Ambulance

CCS2 Standards Advanced Smart Style - Long Wheelbase - High Roof XLG5034XJHEV1









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Introduction of chassis car

- 1. The world's first forward research and development of electric big VAN, built by Germany E1 certification platform.
- 2. Three-in-one highly integrated front wheel electric drive system.
- 3. 83 KWh ternary lithium battery, ultra-low energy consumption 2.4C.
- 4. Efficient fast charge 30min to 300KM.
- 5. 5.8m minimum turning radius in the same-class vehicles.
- 6. The industry's first moose test breakthrough 60KM/h large VAN.
- 7. Super 70% high-strength steel.
- 8. ADDW advanced distraction warning system.







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Three-in-one highly integrated front wheel electric drive system

Peak power: 200 KW Peak torque: 343 N.m.



Electronic and electrical architecture:







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The only platform in China that has obtained the German E1 certification



Smart driver's cab:

12.3-inch large screen, the first commercial vehicle AI voice system to achieve continuous dialogue, partition recognition and "see to say".



Vehicle body safety:

High strength steel accounted for 70% of the vehicle, steel and aluminum mixed body, meet the latest ECE regulations of the EU collision requirements.







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Parameters and specifications of the Vehicle

A	Dimension and Weight		
1	Overall Dimension (mm)	L: 5490 W: 1980 H: 2650	
2	Dimension of Patient's compartment (mm)	L: 3000 W: 1840 H: 1880	
3	Drive model	4x2 FWD	
4	Wheelbase (mm	3600	
5	Front/rear suspension (mm)	830/1060	
6	Minimum turning radius (m)	14	
7	Max. speed (km	120	
8	GVW (kg)	3495	
9	Approach Angle/Departure Angle (°)	21/20	
10	Complete vehicle curb mass (kg)	2820	
11	Rated Payload(kg	1170	
12	Maximum trailer capacity (kg) (Unbraked)	2000	
13	WLTP combine consumption (kWh/100km)	29.1	







14	WLTP combine range (km)	319
15	WLTP city consumption (kWh/100km)	21.7
16	WLTP city range(km)	429
17	Battery Brand	CATL
18	Battery Materia	LFP
19	Battery Capacit(kW	82.88
20	Charging type	DC fast charg+ AC slow charge
21	Charging interfa	CCS2 European standard
22	Voltage	400V
23	Battery heating device	liquid heating
24	Battery cooling device	liquid cooling
25	Minimum ground clearance (mm)	150
26	Approach/departure angle (°)	18°/17°
27	Manual single sliding	
28	No B-pillar side sliding door	
29	Charging port cover	manual







30	Rear door	180°	
31	Tyre	215/75R16C, steel rim, wheel core +nut decorative cover (mutually exclusive with the wheel decoration cover)	
32	Front/rear suspension (mm)	830/1060	
33	Front wheel truck (mm)	1719	
34	Rear wheel truck (mm)	1722	
35	Wheelbase (mm)	3600	
36	Max. speed (km/h)	135	
37	Number of seats	6,7,8	
38	Axle load	1400/2095	
39	Qty. of tires 4		
40	Tire size	215/75R16LT	
В	Motor		
1	Motor model	TZ220XSA01	
2	Energy type	Pure electric	
3	Motor type	Permanent Magnet Synchronous	
5	Charging type	DC fast charge + AC slow charge	







6	Charging time (fast charge 20%~80%) (slow charge SOC15-100%)	DC fast charge: 30min AC slow charge: 10h	
7	Max. power (KW)	200	
8	Max.Hp(PS):	272	
9	Motor max.torque	343	
10	Battery type	Ternary lithium battery	
11	Battery capacity	66kw	
12	CLTC endurance mileage	340KM	
13	Battery cooling system	liquid cooling	
14	Number of driving motors	single motor	
15	Transmission type	Fixed tooth ratio gearbox	
С	Suspension and brake system		
1	Suspension system	Front double wishbone independent suspension Rear leaf spring (2 pieces)	
2	Brake system	Four wheel disc brake	
3	Steering system	Electronic power Assist R-EPS	







4	Drive mode	front-engine, front-wheel-drive layout	
5	Chassis model	JL6551BEV01 whole vehicle	
6	Energy recovery system (L1/L2L3)	normal/strong	
7	Brake lining wear alarm		
8	Steering wheel	LHD	
	Standard configuration of vehicle		
1	Side sliding door		
2	Airbag for driver and copilot		
3	2 smart keys		
4	Safety belt: height adjustment / three-point belt / pretensioning force / driver seat belt reminder/alarm, copilot seat belt reminder/alarm.		
5	TPMS		
6	One start-stop		
7	Automatic door locking		
8	Overspeed alarm		
9	AVAS		







10	Collision power-off system
11	Collision door opening
12	Door unclosed reminder
13	ABS
14	EBD/CBC
15	EHB (EBA/BAS/BA, ASR/TCS/TRC, ESC,HHC
16	DMS
17	Body color: white
18	Central locking
19	Car searching: whistle/double Flash
20	Keyless Start System
21	Anti-theft device: steering lock, four door anti-theft
22	Antenna: shark fin style
23	Water cup holder: 2
24	Glove box







25	Steering wheel: multifunction and electric heating
26	Full LCD dashboard
27	Seats Material: faux leather (binding with ventilation+heating)
28	Driver seat: ventilation+heating, 4-way manual adjustment, handrail
29	Copilot seat: ventilation+heating, 4-way manual adjustment
30	Road rescue: E-Call+
31	Maintenance Reminder
32	Easy Link
33	Carplay
34	Power outlet: 12V
35	USB point:2
36	Speaker:2
37	12.3 inch MP5+FM/AM+DAB)+WIFI
38	DOW (Door open warning)
39	RCTA(Rear cross traffic alert)







40	LCA (Lane change assist)
41	LDWS (Lane departure warning system)
42	HBC (Intelligent high-low beam control)
43	TSR (Traffic sign recognition)
44	LKA (Lane keeping assist)
45	AEBS (Automated emergency brake system)
46	PCW (Pedestrian collision warning)
47	FCW (Forward collision warning)
48	ACC (Adative cruise control)
49	SA (Intelliggent speed assistance)
50	ICC (Intelligent cruise control)
51	BSD (Blind spot detection)
52	AVM 360° (Around view monitor 360°)
53	HDC (Hill descent control)
54	DMS (Driver monitoring system)







55	Automatic LED front headlight
56	LED daytime running
57	Front fog lamp
58	Rear fog lamp
59	LED Exalted brake light
60	Front window: Power, one click lifting
61	Exterior mirror: Integrated side turn signal, manual folding, electric adjusting and electric heating and defrosting
62	A/C: Automatic, PTC heating and Defrosting and defogging vents
63	Tool bag and front hook
64	3300W AC power supply
65	Left slidin
66	Front window: electric window + one button lift; External rearview mirror lens electric adjustment + electric heating defrost function
67	Driving mode: Economy/comfort/sport
68	LED headlights +LED daytime running lights +Logo lights; Headlight automatic on + delay off function; Rear fog light + high brake light







69	All wheel trim cover
70	Overspeed warning
71	Crash safety oil/power cut-off system + door locking and opening system
72	Main driver and copilot airbag + pre-tightening seatbelt
73	Driver seat four-way adjustment
74	ABS Anti-lock + Braking force distribution (EBD/CBC, etc.)
75	EBD braking force distribution
76	Rear parking radar+EHB electronic hydraulic braking system
77	Fatigue driving tips
78	High power heating and cooling air conditioning
79	Tire pressure monitoring system
80	7 " full LCD instrument panel+12.3" central touch screen.
81	Easy to find car: honk/double flash
82	One-click start
83	Multi-function steering wheel + Bluetooth music







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84	Parking brake: Electronic parking brake EPB; Auto Hold
85	Vehicle networking
86	Parking camera
87	Automobile data recorder
88	Electronic navigation

Parameter of ICU Ambulance

A	A/C-Heater System	
1	Vehicle-mounted original air conditioner in driver's cab	1
2	Air conditioner in Patient's compartment	1
3	Heater mounted in Patient's compartment	1
4	Floor nanoelectric auxiliary heating system	1







В	Power Supply and Lighting System	
1	Touch electrical control system (Intelligent voice control system), the medical cabin adopts a centralized control system, 7-inch segment LCD display, the display is clear and intuitive. The LCD screen can display the battery power, working light status, exhaust air status, control sterilization, oxygen and other equipment working status.	1
2	3300W AC power supply	1
3	A synchronous lighting belt is installed in the hanging cabinet to provide internal space lighting	1
4	The removable socket is installed in the medical cabin, and the layout is reasonable and convenient for medical personnel to use	1
5	Install light belts above the equipment cabinet	1
6	220V AC socket mounted in patient's compartment, easy to be operated by doctors	3
7	12V Ultraviolet radiation disinfector light	1
8	Courtesy lamp at the back door(Rear shot lamp, can be used when the stretcher up to the vehicle at night time)	1
9	Top infusion spotlights	2
С	Emergency alarm system	
1	Special embedded LED blue flash warning light on the front of the roof	1







2	100W loudspeaker alarm with adjustable volume	1
3	Install alarm and light control buttons in the driver's cab	1
4	Blue flash lights on both sides (lower part with lighting)	4
5	White lights on both sides (lower part with lighting)	2
6	The rear of the roof is equipped with embedded LED blue flash lights	1
D	Patient's compartment	
1	The interior roof of the medical cabin is made of polymer environmentally friendly flame retardant material	1
2	The side wall of the car is decorated with polymer environmentally friendly flame retardant material	1
3	<u>'</u>	
	Middle door with polymer environmental protection flame retardant material interior decoration	1
4		1
	interior decoration	







7	PVC material partition wall is installed in the cab and medical cabin (including integrated high-safety, high-strength, high-thermal stability tempered glass sliding window, transparent glass for the front and rear carriages to observe)	1
8	Medical cabin partition wall installed front and rear intercom	1
Ø	The exhaust fan ventilation system is installed on the roof of the medical cabin to ensure the air exchange between the medical room and the outside	1
10	A medicine locker is installed on the left front of the medical cabin	1
11	Oxygen cylinder fixing cabinet is installed at the left wheel hub of the patient's compartment	1
12	In front of the oxygen tank on the left side of the medical cabin, install the medical equipment cabinet of polymer environmental protection and flame retardant material (the countertop edge is 3cm over, and the upper side is pushed and pulled window). Reasonable layout, convenient for medical personnel to access necessary drugs, simple medical equipment and other necessary emergency medical facilities, and stable and reliable placement	1
13	A light blue transparent push-pull storage window hanging cabinet is installed on the left side of the medical cabin	1
14	Longitudinal oxygen supply belt is installed in front of the left medical device cabinet. Two sets of German oxygen terminal interfaces and power sockets are installed in the belt	1
15	The oxygen cabinet is equipped with a fixed 10L steel oxygen cylinder, nominal pressure 15MPA (light weight, easy to load and unload), equipped with oxygen flow and pressure valves, oxygen pipeline layout is reasonable, and the control device is easy for medical personnel to operate and monitor	2
16	Special oxygen suction (humidification) device	2
17	A two-seater cabinet bed (three-point seat belt) is installed on the right side of the medical cabin. The seat cushion and backrest surface are covered with light blue leather	1







18	The foldable doctor's seat (three-point seat belt) behind the partition wall in the medical cabin is covered with light blue leather on the seat cushion and back surface	1
19	Handrails are installed at the rear of the medical cabine	1
20	The self-locking sliding infusion bottle stand on the top of the medical cabin is fixed reliably, and the clamp is simple and reliable to operate, and the infusion bottle held by the clamp will not shake during driving.	1
21	Anti-bacterial safety handrails are installed on the top of patient's compartment	1
22	The medical cabin is equipped with automatic loading stretcher, which is made of high-strength aluminum alloy, PVC waterproof sponge mattress and adjustable back. The thick oval leg tube, evenly distributed auxiliary wheels and aluminum blocks greatly increase the load bearing capacity of the derrick, and only one person is required to easily complete the boarding process.	1
23	Stretcher platform	1
24	Shovel stretcher (Shovel stretcher is composed of left and right two aluminum alloy plates. Unlike a normal stretcher, it can insert two plates under the patient's body, buckle and lift. Minimize secondary injuries to patients during handling.)	1
25	Medical refrigerator	1
26	Adjustable equipment fixing table includes equipment fixing belt	2
27	Stainless steel dirt bucket	1
28	Anti-collision headrest on middle door and rear door of in medical cabin	1
29	A 1kg fire extinguisher is installed in the medical cabin, which can be successfully removed from the fixed mechanism for use	1







30	Black glass film on the left and right sides of the medical cabin, and high light transmittable frosted film on the right 2/3 to ensure the isolation of the medical cabin from the outside and protect the privacy of patients	1
31	Customized body waist red/blue strong reflective belt according to customer needs, in line with relevant national regulations	1
32	Other requirements: Power supply standard: 110V/60HZ Power socket standards: America standard Color of seats in patient compartment: blue color Alarm light color: blue color	