

Electric Cargo Van



Hilima Company is a professional manufacturer of large-scale Electric Cargo Van and new energy vehicles. Its products are well-known at home and abroad for their durability and excellent performance. Most of the products have been approved by the European Union and the United States.

11. Product introduction of the Electric Cargo Van

Electric Cargo Van

- Simple and tough appearance, with many technological elements, makes the car appear both fashionable and elegant
- Its nose is narrow, wheelbase is short, turning radius is small, can easily pass the narrow complex space
- It has a huge trunk with a huge capacity of 3.3 cubic meters and is your mobile small warehouse
- Electric Cargo Van has been certified by the EEC of the European Union and DOT of the United States.

2. Product parameter of the Electric Cargo Van

project	Standard Edition	Plus version
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Shandong Heima Construction Machinery Co. LTD

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Basic parameters of vehicle	Body structure type	Separate frame construction		Separate frame construction	
	Overall size (mm)	3490*1490*1685		3490*1490*1685	
	Front / rear track width (mm)	1250/1250		1250/1250	
	Wheelbase (mm)	2350		2350	
	Front/rear overhang (mm)	480/660		480/660	
	Approach / departure angle (°)	31/25		31/25	
	Minimum ground clearance (mm)	> 140		> 140	
	Minimum turning diameter (m)	< 9		< 9	
	Curb weight (kg)	845	854	960	969
	Rated loading mass (kg)	540	466	425	351
	Seating capacity persons	Single seat	Double seat	Single seat	Double seat

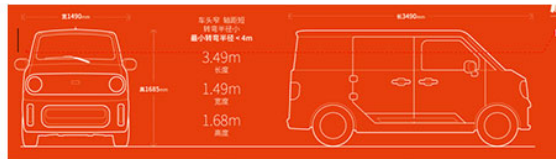
	Maximum total mass (kg)	1450		1450	
	Fron/ rear axle load (kg)	519/931	555/895	554/896	590/860
	Door opening type	The front left and right doors are opened in a forward direction, the rear right door is opened on the rear side , and the tailgate is opened on the left side			
	Container volume (m ³)	About 2.6 CBM (Available volume of CO driver's seat included)		3.3 About 3.3	

3. Product feature and application of the Electric Cargo Van



3.3 cubic meters of super-large volume space

The safety of drivers and passengers is guaranteed



Large capacity battery pack, the range is more guaranteed

Detailed parameters

Power battery	Battery type	Lithium Iron Phosphate	Lithium Iron Phosphate
	Fixing method of power battery	Tiled and fixed between longitudinal beams	
	Rated total voltage (V)	76.8	76.8
	Total battery capacity (kwh)	10.37 (20.74 rear mounted)	20.74

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	BMS battery management system	•	•	
	Charging type	Slow charge / charging power, Time (kwh)	/ (1.8kw, 7.5h)	/ (3.3kw, 8h)
	Endurance mileage (km)	Working condition ≥ 120	Working condition ≥ 240	
Drive motor	Motor type	Permanent magnet synchronous		
	Protection level	IP67	IP67	
	Insulation class	H	H	
	Rated / peak power (kW)	7.5/15	7.5/15	
	Maximum torque of motor (N·m)	90	90	
	Driving type	Rear direct drive (rear axle)		
	Max speed(km / h)	71	71	
	Max climbing degree (%)	≥ 20	≥ 20	
	Warranty (motor, electric control, power battery)	5 years or 200000 km		
	Rear axle final drive ratio	Single stage, 8.4 speed ratio		
Shift mode	Electronic rotary contact shift switch			
controller	Vehicle control unit	—	—	The vehicle control
	Motor controller	•	•	

		Body control module	—	—	function is integrated in the motor controller
Chassis configuration	suspension system	Front suspension	McPherson independent suspension		
		Rear suspension	Leaf spring	Leaf spring	
	brake rigging	front brake	Disc hydraulic brake	Disc hydraulic brake	
		Rear brake	Drum hydraulic brake	Drum hydraulic brake	
		Brake pedal assist category	Electric vacuum assist	Electric vacuum assist	
		Parking brake	mechanical	mechanical	
	Steering gear	Steering gear	Rack and pinion type	Rack and pinion type	
		Steering column	Energy feedback type	Energy feedback type	
		Power steering type	—	—	
	wheel	Tire size	165/70R13	165/70R13	

		Rim	Steel	Steel	Black steel wheel
		Rim trim cover	○	○	
		Spare tire (full size)	—	—	
Security configuration	ABS+EBD		●	●	
	Electronic Stability Program		—	—	
	Door open alarm		●	●	
	Safety belt reminder		●	●	
	Manual anti glare interior rear view		—	—	
	Rear reversing radar		—	—	
	Pedestrian reminder		●	●	low speed alarm
	Front / rear bumper		●/●	●/●	
	Side door anti collision beam		●	●	
	Front combination lamp	Far and low beam	halogen	halogen	
		Front position	LED	LED	
Security configuration	Lighting configuration	turn signal (lower part of front bumper)	LED	LED	

		Front fog lamp	—	—	
		Daytime running lights (LED)	—	—	
	Rear combination lamp	Reversing lamp	LED	LED	right
		Rear turn signal	LED	LED	
		Position light	LED	LED	
		Brake light	LED	LED	
		Rear fog lamp	LED	LED	left
		Rear ceiling lamp	LED	LED	
		Reading lamp	LED	LED	
	Car anti theft	Folding the remote key	•	•	
		Spare key (straight handle machine)	•	•	
		Central locking (central control module)	•	•	
		Automatic speed lock	—	—	

		Car anti theft		Mechanical anti theft		Mechanical anti theft		
	Passive safety	Driver's airbag		—		—		
		Co driver's air bag		—		—		
		Driver / CO driver's three-point seat belt		/—	●/●		/—	●/●
Interior and exterior decoration device	Wiper unit			Single arm		Single arm		
	Exterior rearview mirror	Lens adjustment / folding mode			Manual / manual		Manual / manual	
		With side turn signal (LED)			●		●	
	Information Board				●		●	
	Hardtop				●		●	
	Van Soft top device / opening mode				—		0/manual	
	Steering wheel	Triplicate			●		●	
	chair	front seat adjustment mode	Driver's seat		Manual	Manual	Manual	Manual
			Passenger seat		—	Manual	—	Manual
	Operation mode of window regulator				Electric		Electric	
	12V power supply				1		1	
USB interface				3		3		

	Auxiliary instrument panel	•	•		
	Auxiliary instrument panel cup holder	•	•		
	B-pillar lower guard	•	•		Shelt er belt retrac tor
	Roof inner armrest (right)	—	—		
Sun visor	Main driver's seat	•	•	•	•
	Co driver's seat	—	•	—	•
	Electric air conditioner	—	•		
	Air heater	•	—		
	Air conditioning regulation mode	Electric	Electric		
	External air circulation	—	—		
	Air circulation in the vehicle	•	•		
	External antenna	•	•		
Other	Vehicle-mounted mobile Internet	—	—		
	Remote unlocking function	—	—		
	Remote query of vehicle status	—	—		
	Remote search function	—	—		
	Remote intelligent self-test diagnostic function	—	—		
	Cruise control	—	—		

ETC vehicle-Mounted device			○	○	
Liquid crystal combination instrument device	combination instrument	LCD touch screen	●	●	
	Radio		●	●	
	Bluetooth function (music, phone)		●	●	
	Mobile Internet		●	●	
	Audio playback		●	●	
	Astern video image		●	●	
The speaker			2	2	
Reversing camera			●	●	
Mobile intelligent audio (rear mounted mode)			—	—	Rear mounted mode, removable
Remote monitoring			●	●	
ECO operation mode			●	●	
One click Start			—	—	
Braking energy recovery			●	●	
<p>“●”Standard configuration; “○”Optional; “—”There is no such configuration.</p>					

