



DIMENSIONS	A	B	C	D*	D*	E	F	G	H	I	J	K	L	M	N	P	T
mm	3 600	1 574	1 305	1 200	1 305	1 893	423	897	288	175	2 022	1 045	1 045	1 089	489	697	282

TECHNICAL CHARACTERISTICS

HOMOLOGATION | SEATS

Homologation	N1 / L7e	ELECTRIC POWERTRAIN	Motor	AC Induction
Seats	2	Type	TSA200-120-250	

PERFORMANCES

Maximum speed	50 km/h	Motor voltage	29 V AC
Noise moving (R (EU) 51)	63,7 dB(A)	Max peak power	16.3 kW
Maximum gradient empty	30 %	Nominal power (S2-30 minutes)	10 kW
Maximum gradient loaded loaded with trailer	15 % 12 %	Torque @ max peak power	76 Nm
		Max torque @ 0 rpm	81 Nm

MASSES

Baseweight (wheelbase + doors + towing hook bracket + battery bracket)	582 kg	BRAKES	Main brake type	Dual circuit in X
Maximum permissible mass**	2 100 kg	Emergency brake type	Hydraulic diagonal action	
Maximum weight of the combination (GCW)	3 500 kg (N1) 2 385 kg (L7e)	Front brake disc	Ø 247 mm	
Tow load capacity for road approved trailers (with brakes)	1 400 kg (N1) 291 kg (L7e)	Front brake caliper	Ø 48 mm	
Tow load capacity for road approved trailers (without brakes)	750 kg (N1) 291 kg (L7e)	Rear drum brake	230 mm	
		Parking brake	Hand actuated	

DIMENSIONS

Overall length	3 600 mm	SUSPENSIONS	Front suspension type	McPherson
Overall width	1 200 mm (N1) 1305 mm (L7e)	Travel	163 mm	
Overall height	1 893 mm	Rear suspension type	Composite blades	
Wheel base	2 022 mm	Travel	96 mm	
Front / Rear track	1 045 mm	WHEELS AND TYRES	Tyre type	Tubeless
Front overhang Rear overhang	1 089 mm 489 mm	Tyre size	155R13C 90Q	
Front clearance angle	20°	Rim	4Jx13 4/115/85 ET10	
External turning radius (wall to wall) External turning radius (kerb to kerb)	4 383 mm 3 900 mm	Recommended pressure empty full load	2.5 bar 4.5 bar	

TRANSMISSION

Type Gear ratio	Rigid axle and differential 14.87 : 1.0
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CONTROLLER

Type Nominal battery voltage	Curtis 36-48 V
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BATTERIES

Capacity	LEAD ACID, 24 X 2V TRACTION CELLS			LITHIUM LIFEPO4		
	180Ah/C5 - 8,6 kWh	240Ah/C5 - 11,5 kWh	320Ah/C5 - 15,4 kWh	7 kWh	9 kWh	14 kWh
Voltage	48 V	48 V	48 V	48 V	51,2 V	51,2 V
Battery weight	326 kg	419 kg	493 kg	94 kg	148 kg	192 kg
Charger	48V - 30A	48V - 30A	48V - 60A	48V - 60A	48V - 60A	48V - 60A
Charging time on household socket	8h30 @ 7A	8h30 @ 10A	9h45 @ 10A	3h00 @ 13A	4h15 @ 13A	6h30 @ 13A
Vehicle range	up to 62 km	up to 82 km	up to 92 km	up to 73 km	up to 92 km	up to 135 km

OPTIONS & ACCESSORIES

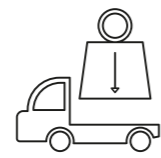
- Tow hitch with trailer plug
- Car radio MP3 / Bluetooth
- Forward/Rear or Rear motion buzzer
- Reflective stripes | class 2
- Roof bar with adaptable options (cannot be combined) : 2 beacon lights + triflash hazard warning triangle - additional height 500 mm (open) 110 mm (closed) / beacon light / work light
- Diesel heating unit | 900 - 2.000 W | 15L tank
- Reversible air-conditioning unit | 1 800 W
- Lateral storage units | capacity 60 L
- Electric heater | 1 300 W
- Electric power steering
- Cab storage set (x3)
- Right and left side guards
- USB plug x2 | 3.15 A
- Door protections



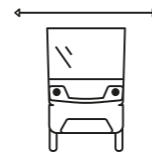
*D: N1 approval. D: L7e-CU approval. **This weight can be reduced to 1 800 kg depending on the battery. Any information or other data provided in this document is non-binding and subject to modification at any time.



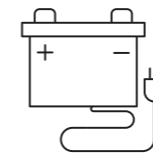
GOUPIL-G4



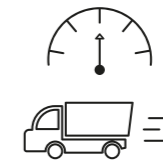
PAYLOAD
over 1,200 kg



ULTRA-COMPACT
1.20 m wide



100 % ELECTRIC
Lithium



MAX. SPEED
50 km/h



INNOVATIVE

The new standard for electric compact utility vehicles

The Goupil G4 has inherited the features that made the G3 successful (size, robustness and ergonomics...) while offering a **higher level of comfort and performance**. All the components of the vehicle have been entirely redesigned to reach a **quality level exceeding market standards**. The chassis with its steel frame provides resistance to deformation and unrivalled modularity, the drivetrains ensure comfort and a perfect stability even at maximum payload. The steering and brakes have also been redesigned to instantly and smoothly respond to the driver's commands. **The Goupil G4 offers a unique driving experience** for a utility vehicle of this category.

VERSATILE

Tailor-made equipment for each profession

Following in the footsteps of the vehicles that have made Goupil so successful, the G4 comes with a modular chassis that offers **unrivalled versatility**. It adapts to your activity by offering tailor-made options for bin or green waste collection, the maintenance of public parks and gardens or buildings, deliveries...

With a payload capacity up to 1,200 kg and a range of up to 100 km, the G4 will meet the requirements of the most demanding applications.



PAYLOAD

Exceptional performance

With a payload up to 1,200 kg*, the Goupil G4 far exceeds market standards and offers a unique loading capacity.

*Depending on the equipment and with 7 kWh batteries

STOP & GO

Electric vehicles are perfectly suited for "Stop&Go" applications. **The G4 goes even further being ergonomically designed to meet the needs of collection or delivery companies:** seat height, loading threshold, cabin access and rear equipment.



COMPACT SIZE

The Goupil G4 is a compact electric utility vehicle for professional use. Its modern design with **large glass areas** (rear vision and pavement) and **compact size** make the G4 the perfect utility vehicle for driving **safely and silently** through city centres or on closed sites (hotel complexes, industrial sites...)

ENERGY

The G4 comes with several battery capacities to best meet your needs. **You can choose between 3 industrial traction battery packs (8.6 kWh, 11.5 kWh, 15.4 kWh) and 3 Lithium Iron Phosphate batteries (7 kWh, 9 kWh, 14 kWh)**. The G4 can be charged on a standard socket (16A, 220V), whatever battery option you opt for. Lithium batteries will give you more flexibility thanks to partial recharging.

COACHBUILDER

Goupil designs their equipment, thus ensuring a **perfect integration** of the various configurations on the vehicles. **All options are electric** (no additional thermal engine) and they are optimized with regards to consumption, weight and noise level.

OTHER EQUIPMENT:
TRIFLASH HAZARD WARNING TRIANGLE

The hazard warning triangle is available as an option on all configurations.

KEY FEATURES

- **RANGE**
With a range of up to 100 km based on actual use with the 14 kWh Lithium battery pack
- **ERGONOMY**
A loading height at 80 cm. Easy access to the driving position, ideal in "Stop & Go" applications.
- **SAFETY**
Driver's safety: 3-point seatbelt, seat sensor. Pedestrians' safety: speed limiter and motion buzzer.
- **ECONOMIC**
Reduced maintenance and energy consumption costs (€2 for a full charge).
- **COMFORTABLE**
Cabin fitted with full standard equipment.
- **MODULARITY**
A wide range of equipment adapted to your needs and interchangeable with mixed configurations.
- **ROBUST**
Thanks to Goupil's expertise in electric vehicles combined with that of Polaris in drivetrains.
- **INNOVATIVE**
All the strong features of the G3 combined with key innovations on core elements of the vehicle: steering, braking system, modular chassis, cabin comfort...
- **CERTIFICATION AND MANUFACTURING**
The G4 is N1 certified and qualifies for the environmental bonus (where applicable). The G4 is designed and assembled in France.
- **LONG VERSION**
The G4 is now available in a long version to satisfy all your needs: about 55 cm longer than the standard version

TESTIMONY

With the Goupil G4 we wanted to start from scratch with the aim of designing a versatile electric utility vehicle with a speed of up to 50 km/h, a payload capacity over 1 ton and a range exceeding 100 km. Using our 15 years of experience with the G3 and by working closely with our key customers, we have redesigned the critical components of the vehicle: chassis, cabin, drivetrains, harness... Throughout the development process we performed intensive driving sessions on test tracks and accelerated wear tests on deformation benches to ensure the delivery a reliable and robust vehicle to our customers.

Sylvain De Oliveira
R&D Manager Goupil

Some examples of CONFIGURATIONS



A wheelbase with a large selection of options

WHEELBASE



Box van with shutters



Watering
High pressure cleaner



Tipper or pick-up



Refrigerated van



High tip waste collection body

COMBINED CONFIGURATIONS

Cleaning, vacuuming, storing: 100 % flexibility

Our mixed configurations made up of a tipper or a waste collection unit allow you **quickly adapt the vehicle** by equipping it with either a high-pressure washer, a leaf collector or even a storage box.



ZOOM ON

THE CAB

With its useful width of 1.20 m, the new cab offers **unique space and visibility** for a utility vehicle of this category. The overall layout with its ergonomically designed controls ensures the driver feels safe on the road: the backlit controls are within hand's reach, the HD LCD display provides visual comfort and instant control over the vehicle's key data. The G4 cab also offers **additional storage** space between the seats and behind the backrests.

