



## motor | performance

conformity with	ATEX 2014/34/EU	
seats in cab	2	
electric motor	AC 48V	
motor power std / max	[kW]	8 / 14
top speed	[km/h]	25
max technical towing capacity	[kg]	4.500
maximum traction power	[N]	6.500
control electronics	CURTIS	
vehicle performance settings	ECO and SPORT	

## batteries

		Acid	
		Lead	Gel
battery technology			
battery capacity	[kWh]	14.4	13.2
number of batteries		24x2V	24x2V
estimated battery life	[cycles]	1.500	1.200
maximum range	[km]	100	90
estimated recharge time	[hours]	8	11
complete charge consumption	[kWh]	9	7.5
power		230V 16A 50-60Hz	
type of socket		IEC 60309 16A 2P+E	
battery top-up		Δ	x
external battery charger		•	
external battery charger - type		with active PFC	
quick-change battery system		•	

## transmission

type	with electronic speed variation	
wheel drive	rear	
maximum negotiable slope	[%]	20
rear differential unit	semi-floating	
heavy duty differential unit	•	

## brakes

front/rear	> front hydraulic disc brakes > rear hydraulic drum brakes with mechanical brake servo
parking brake	•
regenerative engine brake	•

## suspension

front	with MacPherson type independent wheels
rear	with DeDion bridge and stabilizer bar

## dimensions, loading capacity and weights

length (version with cargo bed)	[mm]	3.520
width (without mirrors)	[mm]	1.270
width (with wing mirrors closed)	[mm]	1.320
width (with wing mirrors open)	[mm]	1.570
height	[mm]	1.850
wheelbase	[mm]	2.120
ground clearance	[mm]	190 (at centre) 145 (skid pan)
cargo bed dimensions	[mm]	1.800 x 1.240 (length x width)
loading bed height from ground	[mm]	780
drop sides height	[mm]	300

		Acid	
		Lead	Gel
battery technology			
loading bed capacity	[kg]	1.500	1.500
dry weight with batteries and driver (with cargo bed)	[kg]	1.365	1.365



## electronics and lighting system

information available on dashboard display

- D1 | Display 1: speedometer, battery capacity indicator, motor temperature, inverter temperature, inverter errors, inverter generated current.
- D2 | Display 2: indicator lights showing vehicle switched on and operating, handbrake engaged, traction motor temperature alarm, headlights on, emergency indicators, low oil level and brake wear, brake temperature alarm.

battery capacity indicator	•
front and rear lights in road style	L1 : side lights, dipped headlights, high beams, stop, indicators, emergency, reverse, rotating beacon (Δ).
manual horn / reverse buzzer	•

## chassis and body

chassis	steel chassis with corrosion proofing treatment and powder coating finish
bodywork	impact resistant fiberglass
differential guard	•
front bull-bar	•

## steering

rack and pinion steering	•
min steering radius (internal)	[mm] 3.200

## tyres

front	[•]	23x8.50-12 6PR
	[Δ]	175/70 R14 23x8.50-12 6PR (off-road version)
rear	[•]	23x10.50-12 8PR
	[Δ]	175/70 R14 23x10.50-12 8PR (off-road version)

**note** • **Top speed:** approximate, assessed on a flat route in optimum conditions of use in SPORT mode. **Maximum negotiable slope:** indicative and evaluated with empty vehicle in optimal conditions of usage on non-continuous ramps. **Maximum range:** approximate and assessed on a flat route in optimum conditions of use, ECO mode with correct and energy saver driving style, with speed no higher than 60% of the maximum speed, non continuous use (batteries discharge in 5 hours). **Estimated battery life:** approximate data based on information in the manufacturer's possession at the time this file was published. **Maximum towing capacity:** calculated in optimum conditions of use, the trailers must have repulsion brakes and conform to the law with maximum vertical weight on the tow hitch of 120 kg. **The technical specifications indicated in this catalogue** (such as performance, range, dimensions, etc.) depend or may depend on temperature, terrain, driving style, accessories, load or use of the vehicle. The data provided refers solely to use on a flat surface in optimum conditions of use, in other words an empty vehicle in the base version, lightest batteries, even and paved road surface outdoor temperature of 25°C, batteries fully charged, on board electronic devices switched off and without any accessory consumption. **The technical specifications,** design and performance of the products listed in this catalog are indicative and may undergo modifications without forewarning.

## optionals and accessories

### cab

3-point seat belts	•
presence sensor on the driver's seat	•
front doors	Δ
front doors with windows	Δ
rear doors	x
rear door guards	Δ
rear seats bench	x
air conditioning	Δ
electric heating	Δ

### cargo area

cargo bed with drop sides	•
steel mesh sides	Δ
body tarp	Δ
rear people carrier	Δ
cargo area sun tarp	Δ
first aid module	Δ
first aid module sun tarp	Δ
cargo bed closed with sliding side doors	Δ

### other optionals

custom colour	Δ
orange/blue rotating beacon light on the cab	Δ
mixed green/road tyres	•
road tyres	Δ
off-road tyres	Δ

• standard      Δ optional      x not compatible

! compatible but not approved for road circulation