



- **Eco-friendly! 100% electric**
- **No CO² emissions**
- **EU approval (European directive 2007/46 category N1) for public road circulation.** The vehicle is eligible (in accordance with local regulations) for incentives, free access to restricted traffic areas, tax exemption, etc.)
- **No-load range up to 180 Km** (according to ECE101 test and depending on the battery installed)
- **Safe and comfortable cabin with ABS thermoformed shell and excellent visibility**



LOADING DETAILS		
Transportation capacity	7 people (6+1)	8 in private areas
Loading capacity (luggage)	380 Kg.	

DIMENSIONS AND CHARACTERISTICS		
Length	3.982 mm.	
Width	1.360 mm.	
Height	2.150 mm.	
Axle spacing	2.070 mm.	
Weight (empty vehicle)	1.170 Kg.	
Weight (full mass in running order)	2.000 Kg.	
Collision-proof frame structure	Included	Strong, solid and corrosion-proof

ENGINE AND BATTERY		
Electric engine	AC, three-phases	Maintenance-free
Power	72 V / 10 kW (15 kW peak)	Dimensioned for maximum load Protected battery space
Electric control drive	Included	Controller with vector algorithm, Curtis
Controller std output power	300 A	
Maximum speed	40 Km/h	
No-load range	Up to 180 Km	*see notes below
Batteries	72V	Lead-sealed GEL/AGM, no refilling needed
Lead-sealed GEL/AGM battery capacity	Optional	16,2 KWh Optional
Lithium battery capacity	13,5 kWh	8,1 kWh / 16,1 kWh / 20,2 kWh / 26,9 kWh
Pre-heating system for Lithium battery	Included	
Auxiliary battery	Nr 1 x 12V	Service, lights, instruments
Engine brake with energy recovery	Included	
Traction	Rear	
Maximum slope	Up to 34%	19% fully loaded
Battery charger	230V – 16 A 1PH 50/60Hz	Automatic control, high frequency with PFC
Battery recharging time	6 hours	8 hours for Lead

STEERING		
Electric power steering	Optional	
Rack steering	Included	
Height adjustable steering wheel	Included	

TYRES, SUSPENSIONS AND BRAKES		
Tyres 145 R 13 C	Included	
Tyres 165/70 R13	Optional	Available also M+S
Front suspensions	Independent wheels	MacPhersons and hydraulic shock-absorbers
Rear suspensions	Crossbows	With hydraulic shock-absorber
Front brakes	Disk brakes	Dual hydraulic circuits for enhanced safety
Rear brakes	Drum brakes	
Hand brake	Included	
Energy-saving brake system	Included	High-efficiency and perfect maneuverability

OTHER CHARACTERISTICS (European Directives 2007/46 e 2002/24)		
Doors with sliding windows	N1 Equipment	ABS/Glass
Automotive dashboard	Included	
Seat belts	N1 Equipment	Three-point seat belts
Adjustable seats with headrest	Included	Seats with adjustable position
Driver's seat with safety sensor	Included	
External rear-view mirrors	N1 Equipment	Right and Left
Right-hand drive	Optional	
Second speed selector	Optional	
Key switch and steering lock	Included	
Glove compartment	Included	
Electric windscreen wiper with washer fluid (3 speed)	Included	
Horn	Included	
Rear buzzer	Optional	
Dashboard display	Included	Speed, remaining battery life, charge and hours-counter indication
Deep discharge protection	Included	
Electric heating with thermostat	N1 Equipment	
Webasto heating	Optional	
Air forced defrosting windshield	Included	
Electric defrosting windshield	Optional	
Front, rear and signal lights	Included	According to N1 standard
Rear stop and fog lights	Included	According to N1 standard
"Bull-bar" front protection	Optional	
"Bull-bar" rear protection	Optional	
Radio and speakers	Optional	
Rear camera	Optional	
Parking sensor	Optional	
Doors with central locking	Optional	
Air conditioning	Optional	Only with Lithium batteries (minimum 16,1 kWh)
Additional 12V socket	Optional	
USB port	Optional	
Cabin opening roof	Included	
Removable platform for wheelchair	Optional	

* Depending on battery used. The real distance per charge of the battery depends on several factors including the total load transported, the average speed, path, driving behavior, the ambient temperature, the power consumption of any configuration, etc.
 Depending on the application, some tests may be necessary to determine the actual need of energy.

All information is regularly reviewed and subject to change without notice. This is not to be intended as a contractual documentation.