



LONG LIVE FREEDOM



VOLTEIS[®]
PLUG & DRIVE*





Break free from the automobile

Volteis® is the first approved electric 4x4: clean, efficient and autonomous. Unique in the world, it has invented a new art of living, that of the sustainable car ... in complete freedom.

- **Energy:** No more filling up: the Volteis® is a 100 % electric and ecological vehicle looking towards the future. It can be recharged in a simple standard electric socket, consumes no oil and produces no pollutants, CO2, or particles, nothing... the dream has become reality.

- **Economical:** Making ecology rhyme with economy, is quite normal for the Volteis®. In an urban cycle like everywhere else, its consumption scarcely reaches 1 euro per 100 km: an incredible performance in the middle of an energy crisis, for an easy going vehicle with remarkable road qualities.

- **Maintenance:** No oil changes, no filters, no spark plugs to change, the asynchronous motor and the batteries need no maintenance: the services are limited to the basics: tyres, brake pads... This is the Volteis® spirit : don't overburden your spirit cluttering with non-essentials.

- **All-terrain:** The Volteis® is at ease everywhere. On the road or the track, in the sand and in the snow, it is a real 4x4 which can adapt to every situation. Enjoy them all to the full in the distinctive soft growl of its ultra quiet engine.

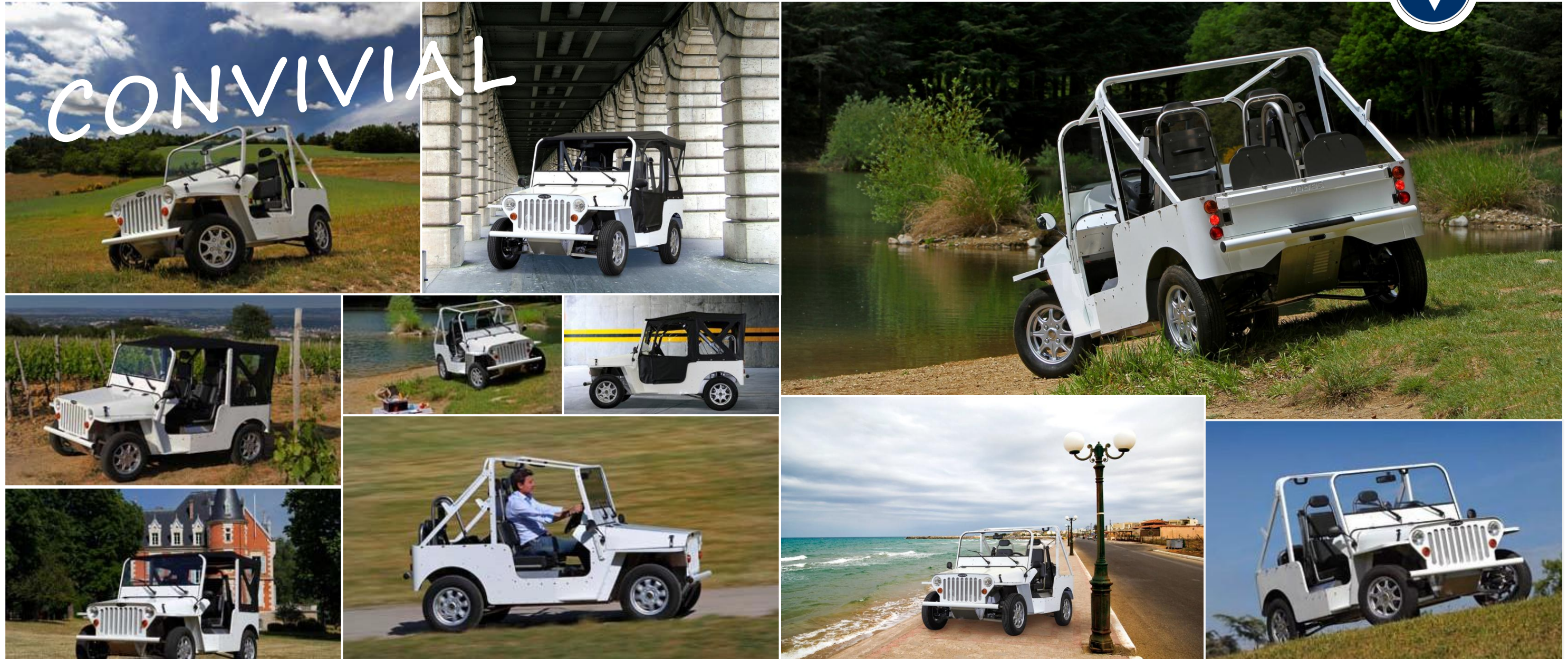
The vehicle for your corporate image

- **Efficiency:** In no way typical and recognizable amongst all the others, the Volteis® flies the flag your values and those of your company: environment friendly, faith in the future and strength of character. A committed vehicle, it represents a strong symbolic vector of your corporate image worldwide. Its silhouette immediately attracts attention and affinity.

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- **Easy to use:** It only takes 6 hours to fully recharge the batteries of the Volteis®. No need for a special terminal, any 220V-16Ah socket makes it possible to recharge it. Ideally simple, this "Plug and Drive" concept is all the more revolutionary: we plug in and drive. Why look for complications?



Give free rein to your desires

Because simplicity is the best shared thing in the world, the Volteis® naturally stands out in any context, happily adopting every way of life.

• **Indispensable:** For all the short daily journeys, the Volteis® is the ideal family and company companion with a 60 km autonomy: the back-up vehicle “par excellence”, free of worries or pollution, at ease in any type of environment.

• **Irresistible:** Going to the market, to the beach through the dunes or taking the children to the foot of the ski slopes with complete peace of mind, the Volteis® makes each outing a real moment of relaxation. Whether on the road or the most uneven track, you will always find pleasure.

• **Iconic:** Moving between and inside sites, courier services, hotel services, management of natural parks, going round the vineyards... for any company wanting to express its commitment to the environment, the Volteis® combines efficiency and ecology, and distinguishes itself.

• **Personalizable:** 256 bodywork colours which can be matched at will with the 70 shades of upholstery, wood or leather finishes, IPOD/MP3 station, towing hook... choose amongst the options. The vintage look of the Volteis® adapts perfectly to all your whims; even better, it encourages them.

• **Ergonomic:** Like the entirely adjustable and removable soft top to adapt to all kinds of weather, the Volteis® is full of very attractive features for a daily use: lockable glove compartment, lateral storage nets, huge central “tidy”, two rear boots. Because usefulness and pleasure should go together.

• **Serenity:** Whether starting or at a standstill, the Volteis® offers the most precious of all luxuries: silence. During the journey, the vehicle can hardly be heard, producing a disconcerting, and soon exhilarating sensation of gliding and regained freedom with an awareness of the environment.

• **Simplicity:** the absence of a clutch and gearbox reduces handling to a minimum and makes it possible to fully enjoy each moment spent onboard, while reinforcing the safety of the car. Driving the Volteis®, is child play.





PERFORMANCE	VOLTEIS® X2 VS2	VOLTEIS® X4 VS2
Maximum speed	45 kph	70 kph
Average autonomy (depending on the use)	70 km	60 km
Consumption per	1€	1€
Charging time	6h	6h
Coefficient of climbing gradient	25%	50%
AVAILABILITY	End of 2011	June 2011

SPECIFICATIONS	VOLTEIS® X2 VS2	VOLTEIS® X4 VS2
Driving licence (*from the age of 16)	Without*	A, B (*A1, B1) Driving licence
Dimensions of the vehicle (LxWxH) in mm	2750x1430x1520	2750x1430x1520
Weight (ready to run)		
Number of seats	2	4
ABM Asynchronous motor 4 poles 28V three-phase. Nominal power	4 Kw	8 Kw
Battery pack (AGM sealed lead – ABT)	48V-240Ah	48V-240Ah
Electronic controller/ Configuration and diagnosis of vehicle	Yes	Yes
IES Charger (onboard)	48 V / 1400 W	48 V / 1400 W
Type of transmission : Automatic with differential reducer 1/10	Propulsion	4 wheel drive
Independent wheel suspensions, with combined damper spring Front : double wishbone Rear : swinging arm	Travel:	Travel:

Follow the free electron

Entirely developed and manufactured in France, in the Rhône-Alpes region, the Volteis® vehicles benefit from unique conditions of production.

• **Quality:** The production is carried out in bays in a 2300 m² covered plant, with a capacity of 40 vehicles per month. Each Volteis® is assembled and tested individually, to meet the strictest quality criteria.

• **Reliability:** The electric components used are supplied exclusively by leading companies in France, Germany and Italy, acknowledged for their seriousness and know-how. They make it possible to ensure the reliability of the vehicles and their equipment.

• **Robustness:** Equipped with an anticorrosion aluminium bodywork and a laser-welded stainless steel chassis, the Volteis® has been designed to last and resist any type of use.

• **Warranties:** the Volteis® carries a 2 year warranty, with a 10 year anticorrosion warranty. The batteries carry a 1 year warranty. (Please refer to the general warranty conditions).

• **Specifications:** The two ABM motors with 8 Kw nominal power placed on the front and rear axles drive the wheels in a synchronised manner, giving the vehicle its 4x4 driveability for impeccable roadholding. The onboard power consists in a pack of 12 48V240AH AGM sealed lead batteries. The excellent weight/power ratio, the four disk brakes as well as an efficient motor brake make it possible to negotiate slopes with more than 50% gradient.

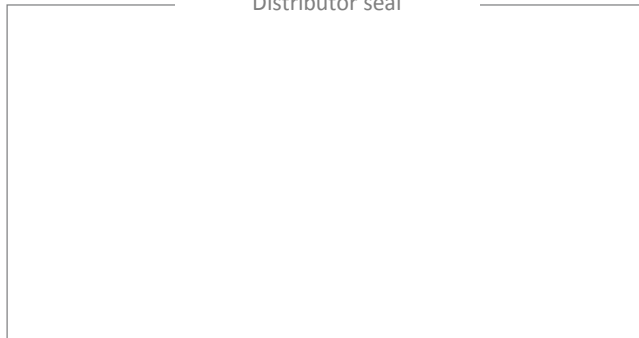


Frappa Eco Green

A body builder for more than 160 years, Frappa is a family business group from the Lyons basin with European dimensions. Specialised in the construction of refrigerated lorries from the 3.5 t to the semi-trailer, it also encompasses the hiring, repair and trading of second hand vehicles and spare parts. The main Volteis® shareholder, the Frappa group relentlessly commits itself, through its EcoGreen division, to the design of materials within the scope of to the sustainable development perspective.



Distributor seal



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