



## **SPECS**

<u>Type</u> :	2-seater tandem vehicle, electro-solar with zero emission
<u>Category</u> :	Heavy quadricycle (minimum driving license B1, from 16 yrs old)
<u>Motor</u> :	Type : asynchronous Power : 16 kWc Max rating : 3500 tr/min Torque : 50 Nm Cooling : air
<u>Reduction</u> :	Ratio : 1/7
<u>Batteries</u> :	NIV-7 Pack (Hydride metal Nickel) 72V 100 Ah Onboard energy : 7 kWh Mass : 108 kg (238 lb) Liquid cooling Estimated life-span of batteries : 2,500 cycles (> 10 yrs) Recharging system when braking
<u>Recharging</u> :	Full recharge in 5 hrs with onboard charger (1.5 kW) using a standard 16A plug
<u>Chassis</u> :	Central carbon body with front and rear units in aluminium
<u>Bodywork</u> :	Carbon fiber
<u>Solar Panels</u> :	Surface area : 3.6 sqm (11.8 sqf) of photovoltaic cells (yield 21%) Power : 600 W Average solar contribution: 18 km/day (11 miles/day)
<u>Suspension</u> :	Mc Pherson (inf. triangle inf. + buffer spring set)
<u>Brakes</u> :	4 discs, diameter 170
<u>Performance</u> :	Range on batteries : 110 km (68 miles) Top speed : 120 km/h (75 mph)
<u>Dimensions</u> :	Length : 3800 mm (149 in.) Width : 1840 mm (72 in.) Roll-bar height : 1200 mm (47 in.) Front and rear gauge : 1760 mm (69 in.) Wheelbase : 2500 mm (98 in.) Front and rear tyres : Michelin 130/90 R17
<u>Weight empty</u> :	280 Kg (617 lb)

