June 14, 2012

Technical Data Sheet

Engine

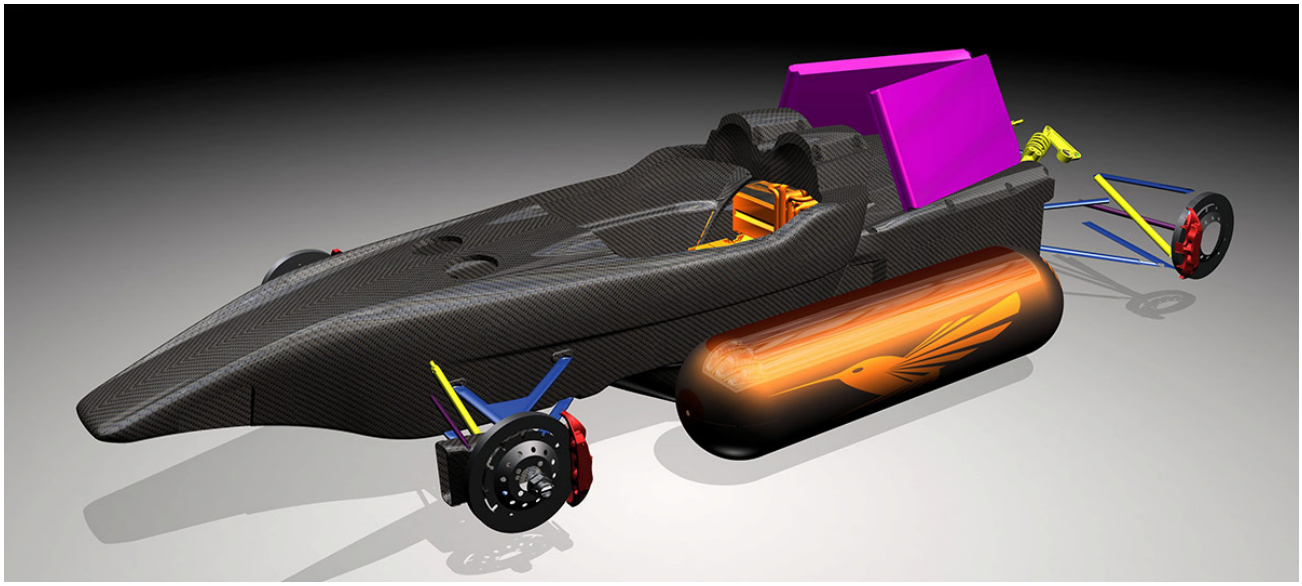
Type	2 synchronous three-phase permanent magnet motors
Power	2 x 200 Kw, or 544 hp DIN. RPM max 13 500 r/min
Torque	4000 Nm at the rear wheels

Transmission

Mode	Direct transmission without clutch
Type	GreenGT patented torque vectoring differential gearbox

Energy

Mode	On-board electrical control unit
Type	High temperature membrane 18 stack fuel cells
Power	400 kW
Capacity	264 kWh or 5 times greater than a Li-ION battery
Intake	Two electrical turbochargers
Vector	Hydrogen stored at 350 bar in two composite tanks
Autonomy	40 minutes per relay
Emissions	Air and water vapour

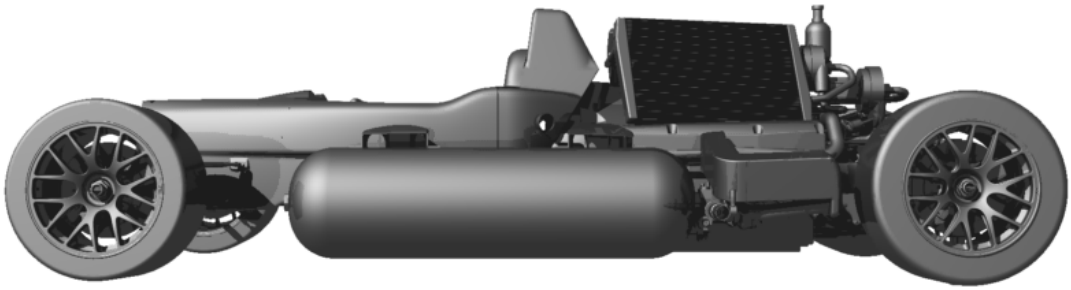


Chassis

Shell	Double-hull and crash box, in carbon fibre
Bodywork	In carbon fibre composite
Suspensions	Front and rear steel double wishbones and push-rods
Brakes	Brembo calipers with carbon discs and pads
Wheels	BBS, 11x18 front, 13x18 rear
Tires	Dunlop, front: 300 / 660 R 18, rear: 310 / 710 R 18

Electronics

Centralized control module, based on a race controller for the entire GreenGT propulsion system with torque vectorization.



Dimensions

Length/Width/Height	5150 x 2000 x 1200
Consumption	12.5 kg of H2 per hour (equivalent to 36 litres of petrol/gasoline)
Top speed	Approximately 300 km/h
Weight	1240 kg

Objectives for 2013

Weigh less than 1000 kg
Do better than one hour of autonomy
Go under 4' at Le Mans