

Kepler's Loco-Motion

Damien Reid examines one of the stranger supercars on display at this year's show

The Kepler Motion supercar by Kepler Motors has to be the ultimate feel-good story of the Dubai Motor show. Not only is it a 320km/h+ supercar that develops more than 800bhp and, with the help of computer-aided launch control, can accelerate from zero to 100km/h in less than 2.5 seconds, but it's also

“Not only can it accelerate from zero to 100km/h in less than 2.5 seconds, it's a clean breathing hybrid as well”

a clean-breathing hybrid as well. Limited to a total build of just 50 cars, the Motion will be a guaranteed rare sight on the road and rather than using brute horsepower to achieve its supercar status, it uses the combination of a high-tech, twin-turbo V6 engine down back mated to an electric motor

powering the front wheels.

While the back half of the car uses a modified version of Ford's EcoBoost 3.5-litre V6 which pumps out 550bhp and drives through a seven-speed paddle-shift transaxle transmission, the front wheels are powered off a 250hp electric motor running on lithium ion

batteries through a two-speed automated transmission. Inside, the driver sits in a complete carbon composite passenger safety cell and gets a state-of-the-art touch-screen display with a programmable connectivity system, plus all the usual high-end electronic gadgets. The Kepler features active suspension

which uses the front wheels to monitor road conditions and in a nano second sends a message to the rear dampers to adjust its double wishbone suspension with rocker actuated coil-over dampers. Exotic materials are used including titanium uprights, ceramic wheel bearings and carbon ceramic brake rotors.

