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When thinking about Spanish supercars, GTA Spano is no doubt the first coming to our minds. But today, Spanish engineering firm, Applus+Idiada, has revealed the first teaser images of a new electric supercar called the Volar-E. The EV was developed in cooperation with Croatian company, **Rimac**, the same company that developed the amazing **Concept one**.

According to first details offered on the concept, the new Volar-E prototype was created in a record time of about three months. The model was built on a tubular chrome-molybdenum chassis and features lightweight carbon-fiber bodywork. The Volar-E is powered by a combination of four in-wheel electric motors that deliver a more than 800 kW (1,072 horsepower) and a peak torque of 1,106 pound-feet. These four engines take their power from a 10-module Rimac battery system with a total of 640 volts and 38kWh of energy. Surprisingly, the battery pack takes only 15 to 20 minutes to fully charge. This battery is combined with a regenerative braking system that will generate even more power.

The new Volar-E will make its world debut at the Circuit de Catalunya on the 28th of February, 2013.

Updated 02/28/2013: The new Applus+Idiada Volar-E made its debut today at the Circuit de Catalunya during the F1 Test Days and this was the perfect opportunity for the company to reveal a video of the new electric supercar on the test track.

[Press Release](#)

Year:2013

Engine:Electric

Horsepower @ RPM:1072

Torque @ RPM:1106

0-60 time:2.5 sec. (Est.)

Top Speed:175 mph (Est.)

GÜVENLİK UYARISI: Lütfen yukardaki intel



BARCELONA, February 28, 2013 - Applus+ IDIADA, a company specialized in engineering for the international automotive industry, has successfully completed the Volar-e project, an innovative prototype electric car with high performance, comparable to or even better than conventionally-powered sports cars.

Volar-e has been presented today at the Circuit de Catalunya during the F1 Test Days, in an act that has been attended by, among other authorities, Antonio Tajani, Vice-President of the European Commission, Sebastian Salvado, President of RACC, and Carles Grasas, CEO of Applus+ IDIADA.

Applus+ IDIADA, a division of Applus+ specialized in the provision of design, engineering, testing and homologation services, was awarded the project by the European Commission in late 2012 in a tender in which companies across Europe took part. In just four months, the company has managed to meet and exceed the performance features required by the EC, among others:

Powertrain:

- Provide maximum motor power and torque to the vehicle (1000 HP, 1000 Nm)
- Achieve fast-charging (15-20 minutes)

Vehicle dynamics:

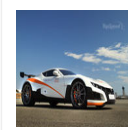
- Regenerative braking system
- Aerodynamics
- Independent power control for all 4 motors, iTORQ original by Applus+ IDIADA

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Applus+Idiada Volar-E Pictures

In the words of Fernando Basabe, CEO of Applus+, "this project is recognition of the technological capacity of Applus + IDIADA in the field of engineering for the automotive industry." Carles Grasas, CEO of Applus+ IDIADA, stresses the technical challenge that the award of the project by the EC implies: "successful completion of the project in four months is the best demonstration of the capabilities of the company in engineering and project management.

The project, which is co-funded by the European Commission, will allow the Applus+ prototype to become a flagship for the promotion of electric vehicles in European society. Users, the car industry, energy sector and government have a reference in this demonstrator of the great potential of electric vehicles.



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