

Japanese electric car 'goes 300km' on single charge

May 18 2011



"SIM-LEI"

Japanese developers have unveiled an electric car they said Wednesday can travel more than 300 kilometres before its battery runs flat.

Electric vehicle specialist SIM-Drive, which hopes to take the car to

market by 2013 but gave no projected cost, said its four-seater "SIM-LEI" had motors inside each wheel and a super-light frame, allowing for 333 kilometres (207 miles) of motoring on one charge in a test.

Its designers say they hope the prototype, a joint project among 34 organisations including [Mitsubishi Motors](#) and engineering firm IHI, will be sold to car manufacturers for mass production.



Japan's auto venture SIM-DRIVE's prototype model of the electric vehicle SIM-LEI, which is expecting to go on sale in 2013, is unveiled in Tokyo.

Automakers such as Nissan, which launched its all-electric Leaf last year with a 160-kilometre range, are gambling that [electric cars](#) with zero tailpipe emissions will catch on and, some time in the future, start to drive traditional petrol-guzzlers off the road.

Electric cars still face key hurdles such as costly batteries and the lack of conveniently-located recharging points, which limits their operating radius.

(c) 2011 AFP

Citation: Japanese electric car 'goes 300km' on single charge (2011, May 18) retrieved 26 April 2024 from <https://phys.org/news/2011-05-japanese-electric-car-300km.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.