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## Renault Demonstrates Wireless Electric Car Charging On The Move

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**Renault** took part in a demonstration of new charging technology that could show a significant benefit to electric cars.



The new technology, being developed by Qualcomm with help from Renault and Vedecom, a French think tank that develops future mobility solutions, would facilitate electric cars to charge their batteries while on the move.



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Based on Qualcomm's Halo wireless charging system technology which utilises resonant magnetic induction to transfer energy wirelessly, from a ground-based pad to a pad integrated into the vehicle.



Renault has demonstrated what it terms as 'dynamic wireless electric vehicle charging' (DEVC), employing a couple of modified variants of its Kangoo Z.E van and a 100-metre test track with built-in conductive wireless charging, created by Vedecom and Qualcomm.



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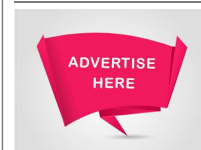
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## Qualcomm Halo Wireless Electric Vehicle Charging



The vehicles are charged as they drive along the test track and the wireless system charges at the equivalent of 20 Kilowatts. The demonstration doesn't just operate at slow speeds either - Renault insists that this system can recharge the vehicles even when they're travelling as fast as 62mph (100km/h).



Additionally, vehicles on the track can charge in both directions as well as while reversing. The system is also designed to allow added functions like identifying and authorising cars entering the charging track, identifying the alignment and speed of the charging car.

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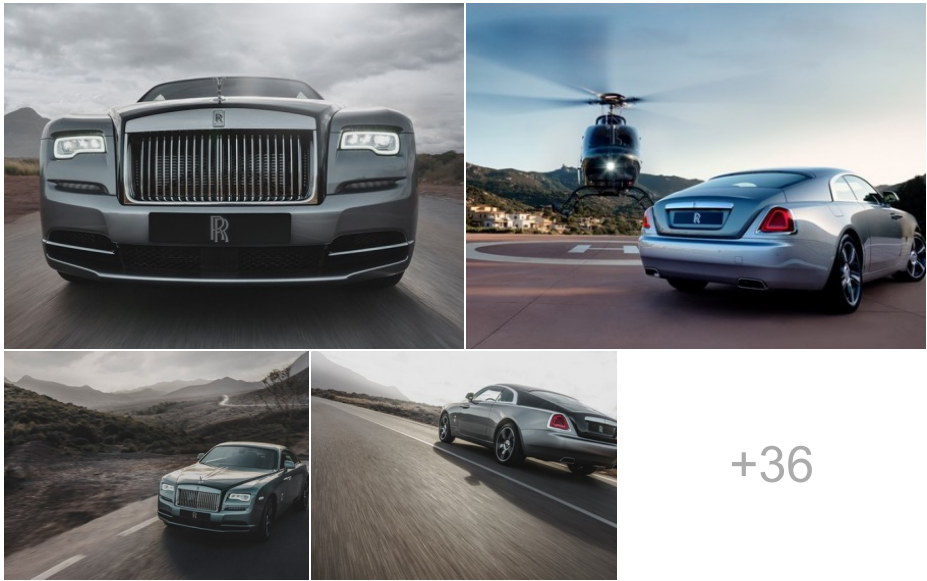


Further testing will now be conducted to evaluate the operation and efficiency of the energy transfer.

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