Self charging ev car

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While the phrase has been more or less appropriated by the petrol hybrid crowd, it still conjures up rather different images in our minds. We did see a demonstration in Amsterdam or somewhere like that where an electric Volkswagen Golf wandered round a car park by itself looking for a free space and then plugged itself in. Whatever happened to that fancy technology? It could save every electric vehicle driver literally minutes a week in lost time spent wandering round car parks and plugging in.

Perhaps this is what most people think of when they hear the phrase "self-charging", when the reality looks more like a Toyota Corolla with a small battery that"s boosted when you stomp on the brakes. Hence the rabid disappointment.

But there is an electric vehicle on the way that actually does charge itself in a miraculously exciting way that you"d be showing off to friends, acquaintances and total strangers. The Sono Sion (not to be confused with Japanese filmmaker Sion Sono) comes with 456 photovoltaic cells seamlessly integrated into the bodywork all over, and its makers claim that it"ll generate around 70 miles of its own juice every week during the middle of the year in Munich.

The Sion is being built by German start-up Sono, which has taken the novel route of getting its new car to market by crowdfunding the cash it needs. The EV isn"t quite ready yet, but Sono reckons it"ll be available to customers by the end of 2023. Don"t rush yourselves, lads.

Available initially for the impressively low sum of EUR28,500 (a smidge under ?25k), they"ve kept costs down by selling the Sion as a single-spec car. So you get it in any colour you like as long it"s a dull matte black. That"s not to say they"ve skimped on spec - you get heated seats up front, climate control, cruise control, rear parking camera and 10in infotainment display with Apple and Android.

The tech spec is just as exciting - the Sion will have a 54kWh battery for a range of 190 miles, 50kWh CCS charging. The plugs are bidirectional, which means you can run things off the car or even charge another EV from it at up to 11kW. It"ll also have a top speed of around 87mph and do the 0 to 62mph run in around 9.0 seconds.

But of course there"s always bad news - and in this case it"s the fact that the car isn"t actually coming to the UK. It"s always sunnier on the other side of the Channel, etc. Best get back to the old Toyota Corolla brochure.

Best self-charging electric vehicle - Sono SionPrice: ?25,000Range: 190 milesEngine: 161bhp e-motorBattery: 54kWhTop speed: 87mph0-62mph: 9.0secsBoot space: 650 litres Number of RHD models to be built: 0

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Electric cars have come a long way in recent years, and the technology behind them continues to evolve at a rapid pace. One of the most exciting advancements in the world of electric vehicles is self-charging technology, which could potentially revolutionize the way we power our cars. In this article, we"ll explore the concept of self-charging electric cars, how it works, and the implications it may have for the future of transportation.

In our advanced modern era, energy efficiency is all the rage. In fact, consumers are ordering more Teslas today than traditional luxury sedans--such as Mercedes-Benz or BMW--as they seem to be sustainable in style. While the threat of running out of battery with no way to charge up has slowed adoption in some consumers, modern self-charging technology has helped electric cars rival gas-powered cars on the "miles until empty" front.

Electric cars can self-charge using a combination of regenerative braking, inductive charging, and solar panels. Each of these adds miles to the vehicle"s battery range before the owner has to plug in.

Although these self-charging methods help extend the range of an electric car"s battery, they will not provide enough energy to make the vehicle completely self-charging. Scientists are still working on ways to make a completely self-charging car a reality. For now, the only cars that can completely charge their batteries on their own are hybrids, which must use fuel to make this happen.

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