Every day we move closer to a more sustainable future, and the [automobile industry](https://www.yankodesign.com/category/automotive/) is quickly gaining traction. However, more and more [electric vehicles](https://www.yankodesign.com/tag/electric-vehicle/) are on the road each day, and drivers feel the heat with the lack of available charging stations. With so many EVs on the road and so few charging stations, many EV drivers admit to feeling anxious during road trips, having to worry about their car dying of charge at any moment. A group of Seoul-based designers hopes to relieve some of that stress with their new EV charging solution called Nebo, a network of charging drones that bring the electric juice directly to EVs.

To ensure their EVs remain charged when traveling, drivers often have to adjust their routes to incorporate charging stops along the way. Cutting out the extra travel time those routes take up, Nebo users can request charging drones to fly to their EV and power up their vehicles on the road. Then, drivers can plug in their destination from a dashboard display, and Nebo will find the quickest route and create a charging schedule for the trip, ensuring that EVs are fully charged. Each charging drone contains electromagnetic and ultrasonic sensors to locate and latch onto the roofs of electric vehicles.

Once securely stationed atop the EV, charging coils transmit power between Nebo and the electric vehicle. The drones would also feature bladeless wings, allowing for a compact build that can slide into itself during use. An accompanying app would also allow users to request Nebo on the go. This would come in handy when your EV is parked, and you want to get some extra charge before taking the car out for a drive.

Since EVs are hitting the roads more than ever before, the need for charging stations is growing. However, considering the lack of charging stations, those who drive electric vehicles have to worry too much about how they will get a charge. To help quell the anxiety felt by drivers of electric vehicles, Nebo brings the charge to drivers using a network of charging drones anytime, anywhere.

https://www.yankodesign.com/2021/07/13/this-ev-charging-solution-uses-a-network-of-charging-drones-to-charge-your-car-anytime-anywhere/