WiTricity MR/11™

Wireless Charging for Electric Vehicles

WiTricity®

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Just Park. And Charge.™

Wireless EV charging with WiTricity MR/11 is fast, easy, and hands-free. It's the modern way to charge, making EV ownership better.

Engineered for global compatibility with industry standards

WiTricity MR/11 is compliant with global industry standards – SAE, ISO, IEC, and GB Standards – as recognized by the world's car manufacturers and Tier 1 Suppliers. We are the global leader in wireless charging IP.

Interoperable with any standards-compliant vehicle receiver

WiTricity MR/11 charging system undergoes rigorous testing to ensure that it is operable with standards-compliant vehicle receivers.

Built with industrial-grade components to withstand the most punishing treatment

Bad weather? Driving over the charging pad? No problem. The WiTricity MR/11 charging system is built to stay reliable and resilient.

Wireless charging provides comparable efficiency to the plug

Our 11kW charger provides comparable efficiency to level 2 plug-in chargers, without the hassle of cords or cable. And EV drivers don't have to remember to plug in to charge.

Easy to use

EV drivers will find the simplicity of just park and charge liberating. WiTricity's unique Position Detection Feature guides drivers over the charging pad to ensure optimal charging.

Easy to professionally install

Similar to a standard Level 2 plug-in charger, the WiTricity wall charger and charging pad are easily installed by a trained professional.

Cost-Effective implementation

WiTricity MR/11 wireless charging system is mass market deployable. It is achieving cost points that are meeting mass market expectations so it can be installed on mainstream vehicles and be deployed to EV customers.

Interoperability

Designed as a global solution for electric vehicles of all sizes, WiTricity MR/11 charging works with low-slung sports cars, sedans, and high-clearance vehicles that are equipped with standards-compliant vehicle assemblies. WiTricity MR/11 is SOP ready with a deployed fourth-generation design, and is built to the demanding automotive standards that car manufacturers expect.

Safety

WiTricity MR/11 wireless charging is built for safety. Our patented Foreign Object Detection and Live Object Detection technology is unique in the industry. When an object is detected on the WiTricity charging pad (whether living or inanimate), the system automatically shuts off power to ensure there is no possibility of harm or injury.

Cloud Connectivity

With a standards-based interface and OCPP that secures cloud connectivity, WiTricity MR/11 is cloud-ready for every system. As easy as any app on your cellphone or tablet, WiTricity MR/11 connects Over-the-Air (OTA) to provide at-your-fingertip information on charging performance, completion, and updates.

Innovation

WiTricity continues to innovate. Advanced technologies such as higher power, Vehicle to Grid (V2G) bi-directional charging, and semi dynamic/dynamic charging are just a few of the places where we are focused.

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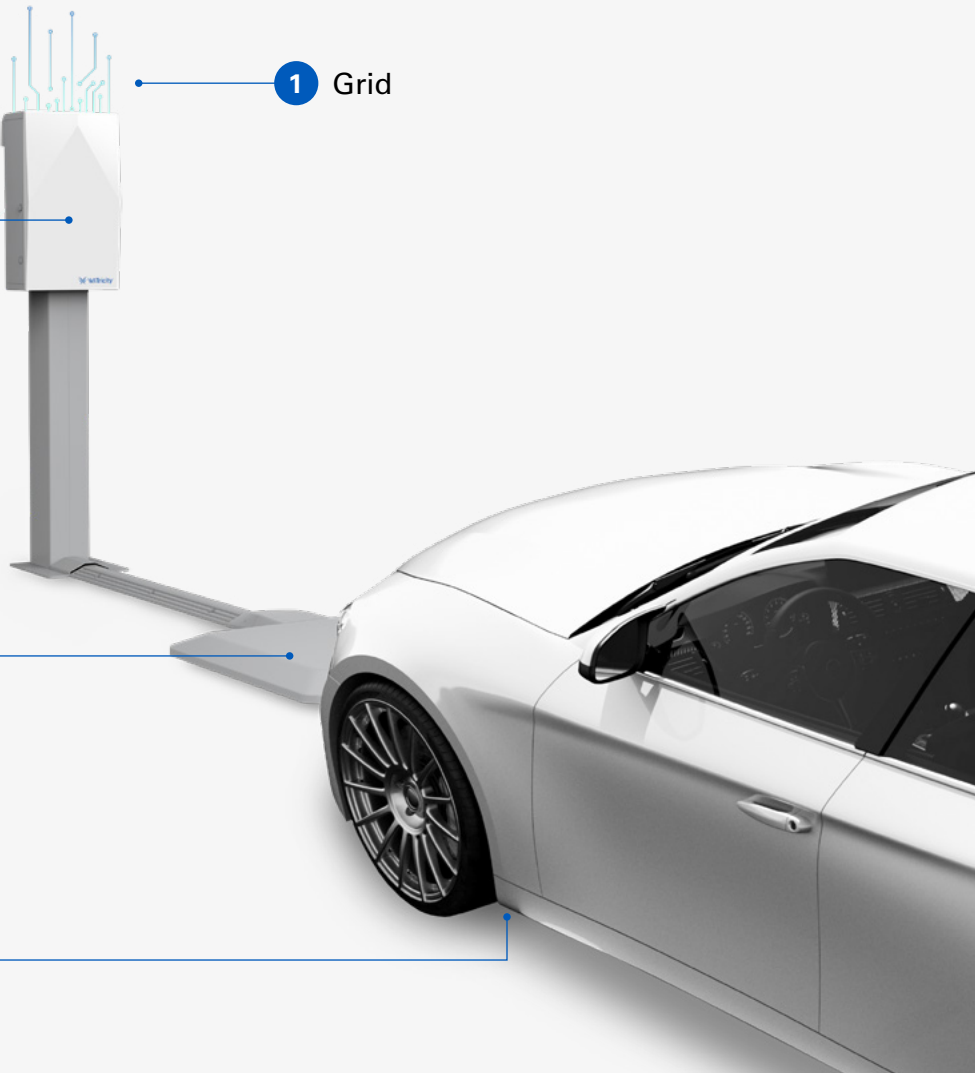

Wall Box

- Power Electronics
- System Controller
- Wi-Fi Comms
- Cloud Comms
- Human Interface

Ground Pad

- Power Resonator
- Position Detection
- Foreign Object Detection
- Live Object Detection

Receiver

Charge Happy™

WiTricity®

WiTricity is the pioneer in wireless charging for electric vehicles, leading the development and implementation of magnetic resonance technology across passenger and commercial vehicles alike. The company's products are backed by an extensive patent portfolio critical to ratified global EV wireless charging standards including SAE, ISO, and GB. Automakers and Tier 1 suppliers rely on WiTricity to help accelerate the adoption of EVs by eliminating the hassle of plug-in charging and setting the stage for future autonomy. Beyond EVs, WiTricity technology is indispensable to the wireless charging of all products, from consumer electronics to micro-mobility to robotics.