

Be in Charge.

A Wireless Future – Finalizing Standards and Regulations

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Wireless Charging System – Simple for the Driver

BASIC USE CASE



Behind the scenes...

Global Vehicle Wireless Charging Standards

OVERLAP FOR SAE, UL, ISO, IEC

IEC 61980-2: WPT System & Communication Requirements

Agreement

ISO 15118-20: WPT Vehicle / Grid Communication (part of ISO 15118 comprehensive set)

OR SAE J2847/6: WPT Vehicle / Grid Communication (light-weight option based on JSON) → Eventual harmonization with ISO 15118



IEC 61980-1: Verification Wireless Charging Safety – [Agreement with ISO 19363 only] UL 2750: (Draft) Verification of Wireless Charging Base Safety – [MOU with SAE J2954]

IEC CISPR



Radio Regulations - Avoiding Harmful Interference

Definition of *Harmful Interference* (1.169): "*Interference* which endangers the functioning of a radionavigation service or of other safety services or seriously degrades, obstructs, or repeatedly interrupts a radiocommunication service operating in accordance with Radio Regulations (CS)."



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