Wireless Electric Vehicle Charging

Feasibility analysis and development of on-road charging solutions for future electric vehicles

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Dynamic EV Charging

Vision

Energy & environment

Wireless charging

Static EV Charging

Semi-Dynamic EV Charging

Dynamic EV Charging
about 85% - home and work, 10% - public, 5% - high power DC
QC Halo WEVC - Complete Solution

- Power Electronics
- IPT Magnetics
- Standards
- FOD, LOP, Positioning
- SW & Comms
- System integration
- EMC
- Regulatory Compliance
- Qualcomm Technologies, Inc.
Evolution from stationary to semi and dynamic charging

- Max Power into Vehicle: 20 kW
- Max Speed: 120 km/h
- Alignment Tolerance: ±200 mm
Thank you

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