

ICI HIGH POWER CHARGING STATION

for stationary inductive charging

ICI

HIGHLIGHTS

- Very High efficiency up to 94%
- Coil Arrangement air gaps up to 200mm
- Inductive Charging with 44kW or higher

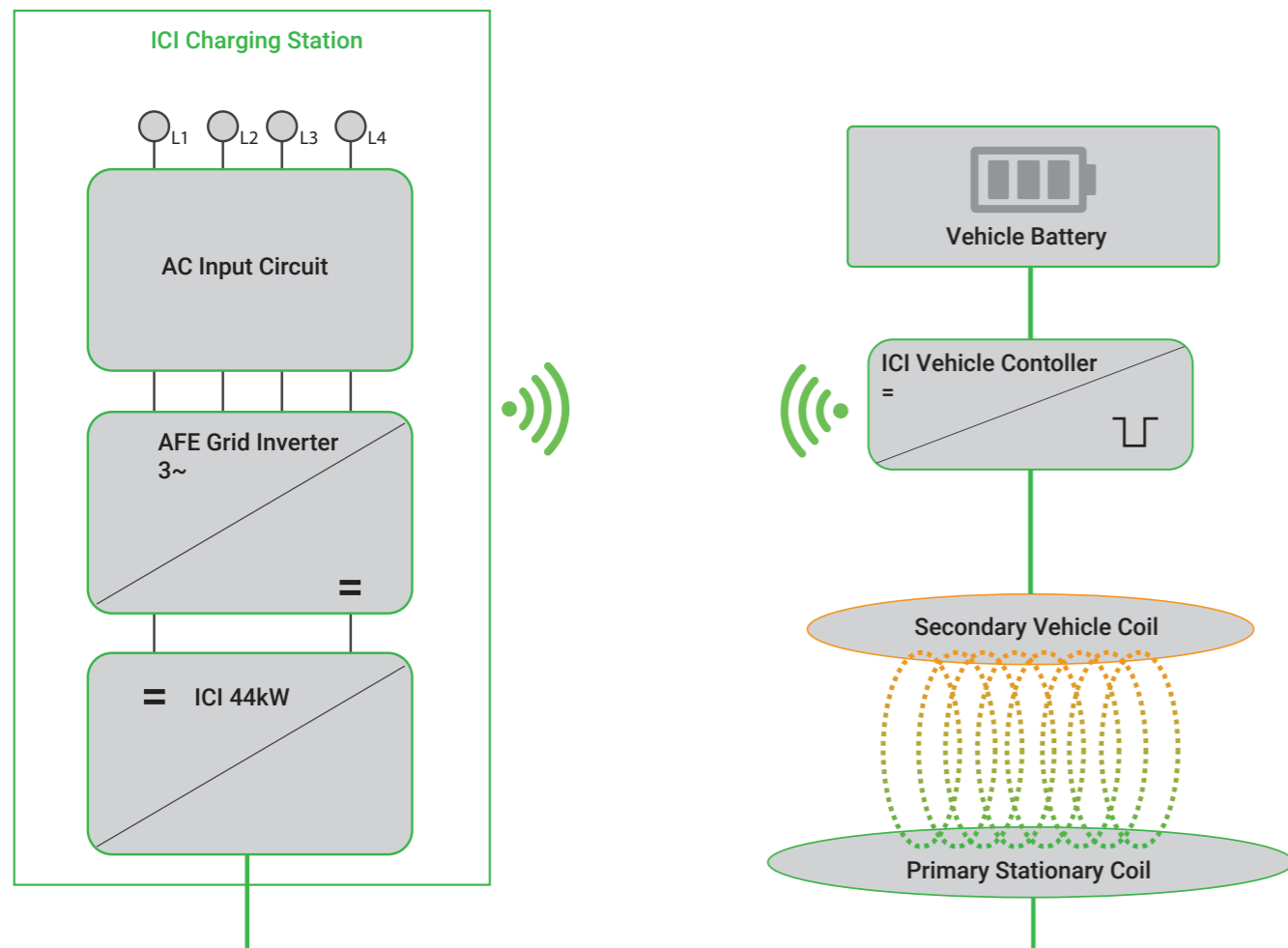
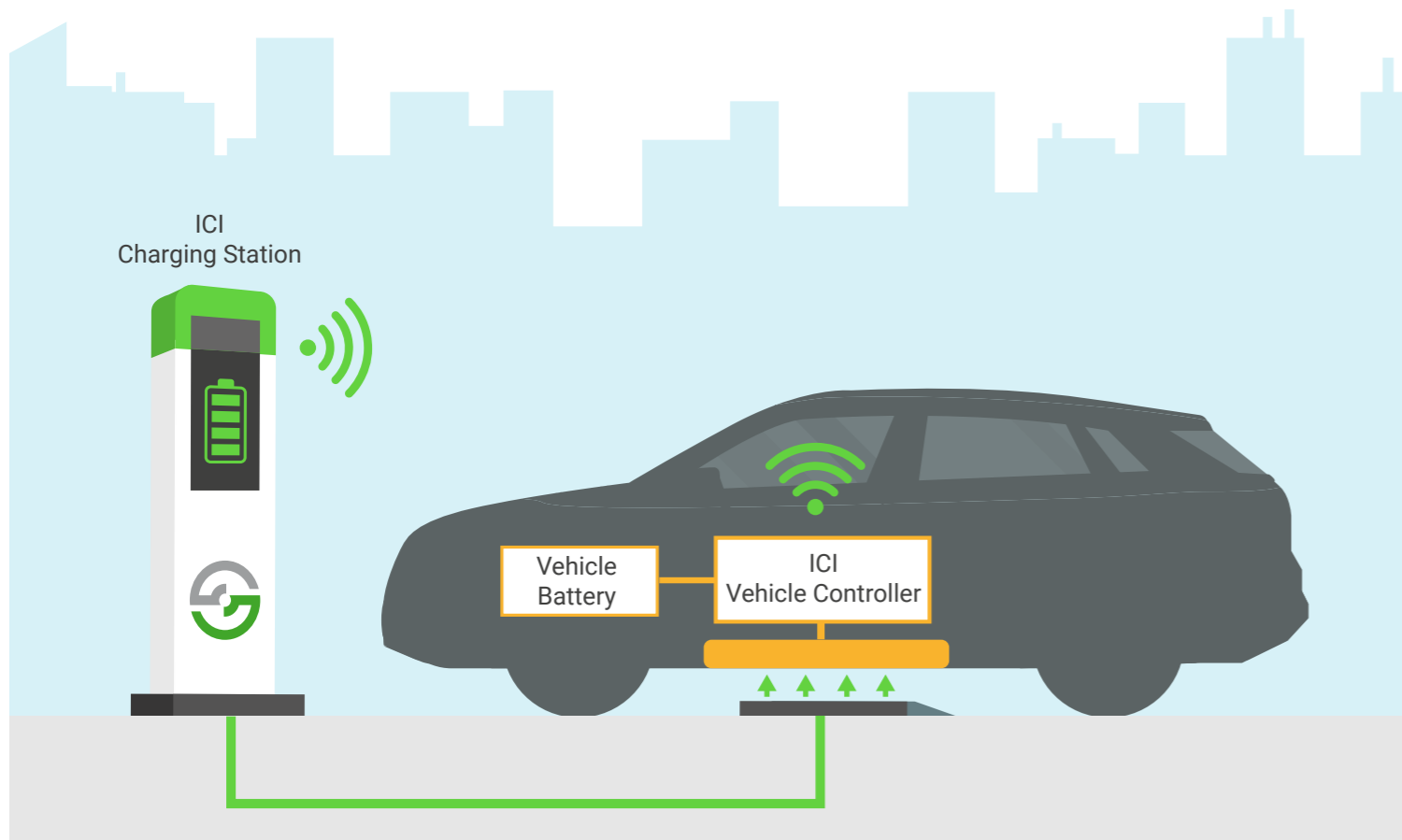
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HIGH POWER CHARGING STATION

Charging the ICI way.



ICI HIGH POWER CHARGING STATION



HIGHLIGHTS

- ICI Charging Station for stationary (primary side) Inductive Charging according to DIN IEC 61980-1 or propriety (customized) solutions for High Power Charging
- Coil Arrangement allows for wide air gaps up to 200mm
- Wide range of AC Input 50Hz/60Hz with AFE Power Factor correction
- Very High efficiency up to 94%
- Variable transmission frequencies from 60 kHz to 100 kHz
- Integrated "Foreign Object Detection" (FOD) and "Living Object Detection" (LOD)
- Integrated WiFi communication to the vehicle

ICI CHARGING STATION APPLICATIONS

- Stationary (Primary) side inductive charging according DIN IEC 61980-1 for passenger and commercial vehicles
- Secondary ICI Vehicle Controller according to DIN IEC 61980-1 or proprietary design
- High Power Fast ICI charging up to 44kW
- Customized Systems for very High Power Charging (~200kW) or charging in special environments

TECHNICAL DATA

| | Value | Comment |
|--------------------------|-------------|----------------------------------------------|
| Input | 300V-480VAC | 50Hz/60Hz |
| Input Power Factor | >99% | |
| Input Option | <1000VDC | |
| ICI Output | 60-80kHz | |
| ICI Output Power | 3,7/11kW | Compliant with DIN IEC 61980-1 |
| ICI High Power Solutions | 22kW/44kW | or higher using customized design |
| Primary Coil | | Integrated Floor Coils with resonant circuit |



Foto: Test setup





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