

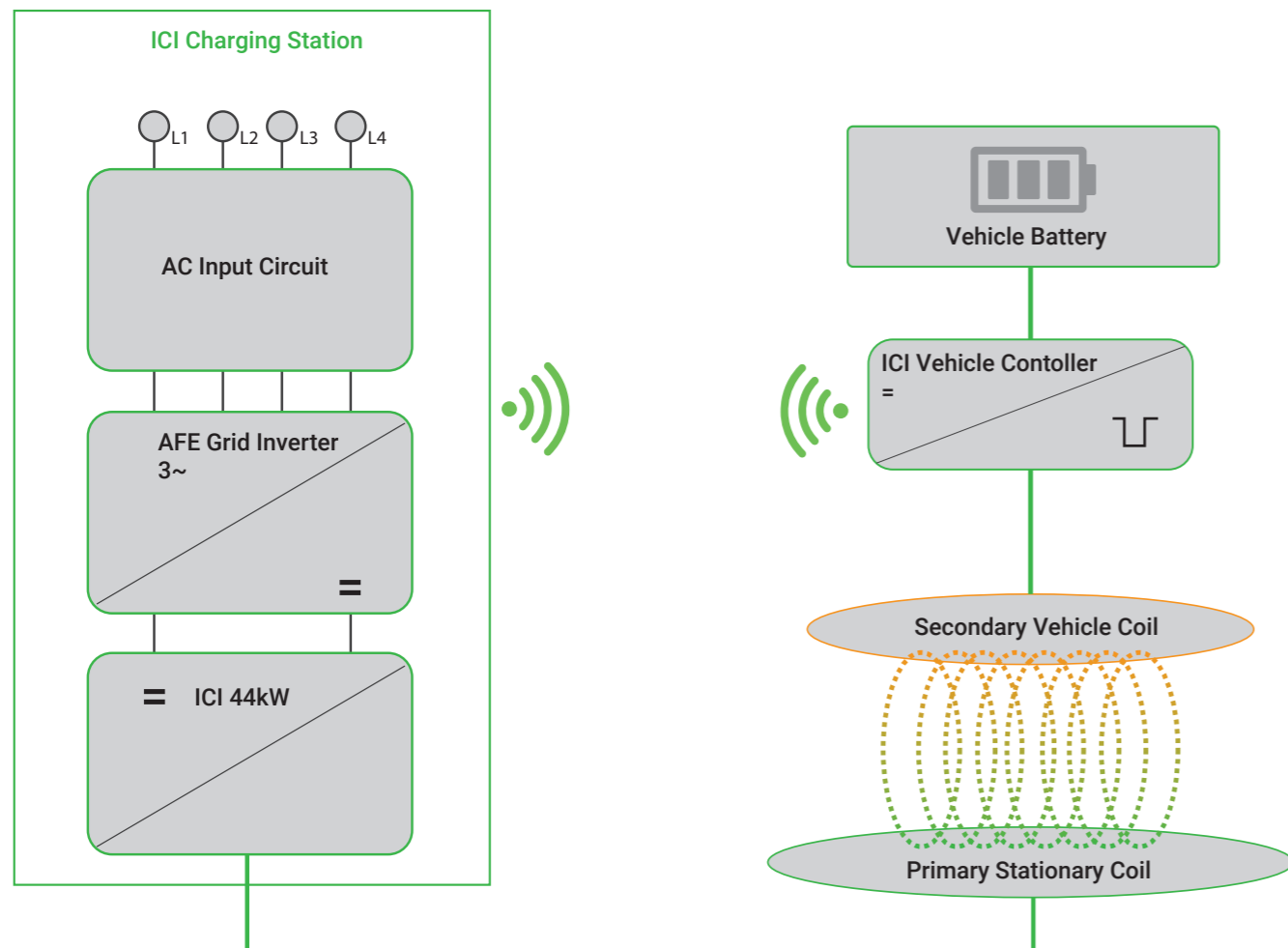
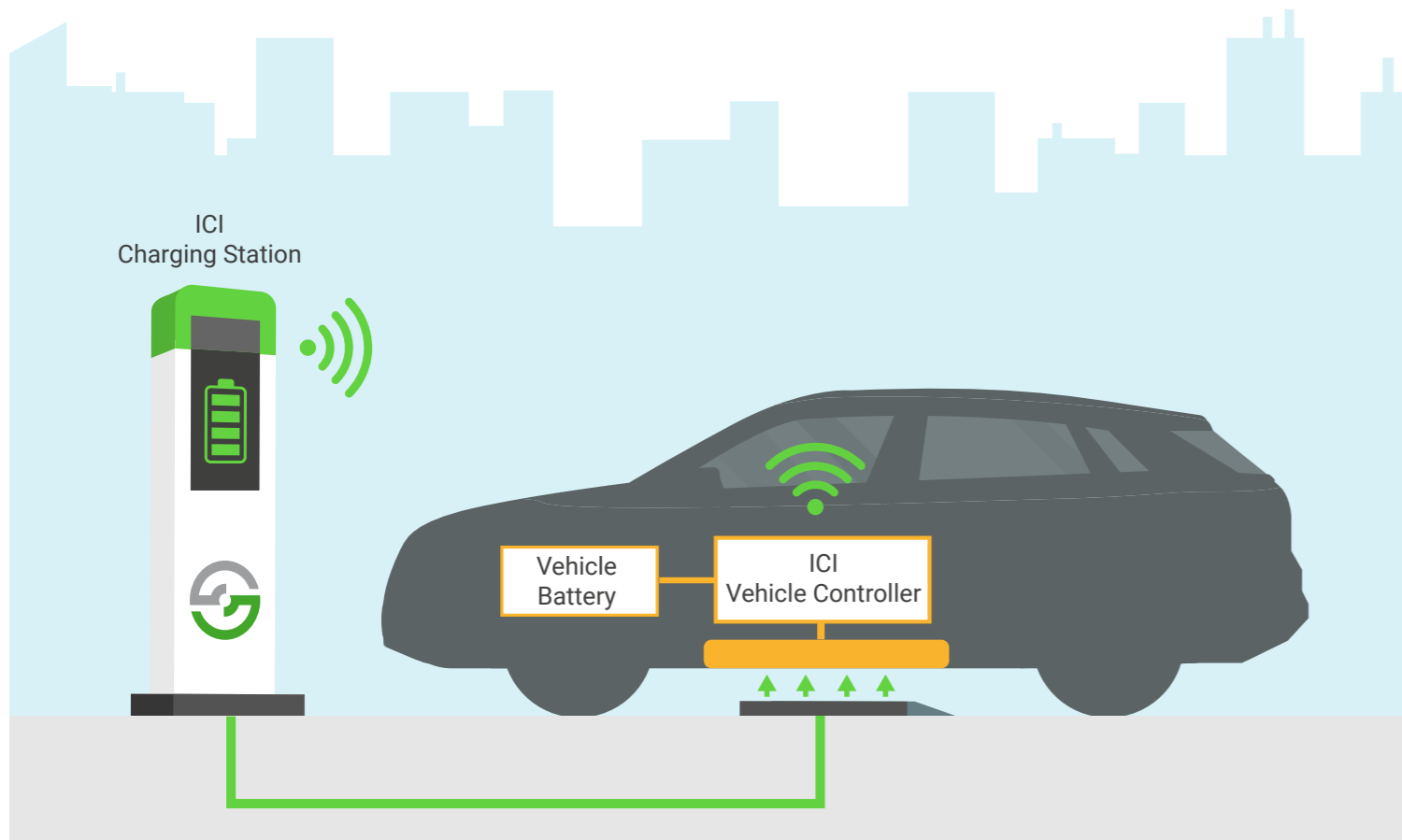
ICI [`izi]

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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