



**AUTOMOTIVE**



**INFOCOM**



**MOBILITY, ENERGY  
& ENVIRONMENT**



**AEROSPACE**



**SPACE**



**DEFENCE &  
SECURITY**

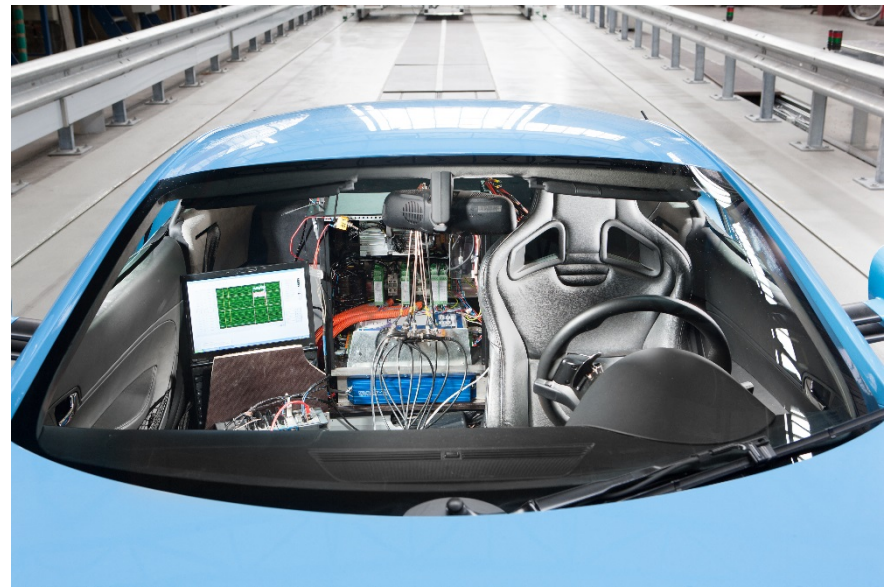
# Inductive Energy Transfer systems

## Solutions for future mobility



## Artega electric sports car – R&D project 2013

- Transfer power: 30 kW
- System type: Dynamic (charging while stationary and on the move)
- Air gap: 15 cm
- Gross battery capacity: 37 kWh
- Pick-up dimensions: 2,000 x 800 x 22 mm



## Autotram 18m electric bus – R&D project 2013

- Transfer power: 60 kW
- System type: Dynamic (charging while stationary and on the move)
- Air gap: 15 cm
- Gross battery capacity: 2 kWh (super caps)
- Pick-up dimensions: 2,000 x 800 x 22 mm





## VW T5 electric minivan – R&D project 2014

- Transfer power: 30 kW
- System type: Stationary
- Air gap: 10 cm
- Gross battery capacity: 36 kWh
- Pick-up dimensions: 920 x 785 x 22 mm



## NISSAN Leaf Gen. 1 – for customer, in use since Q4 of 2016

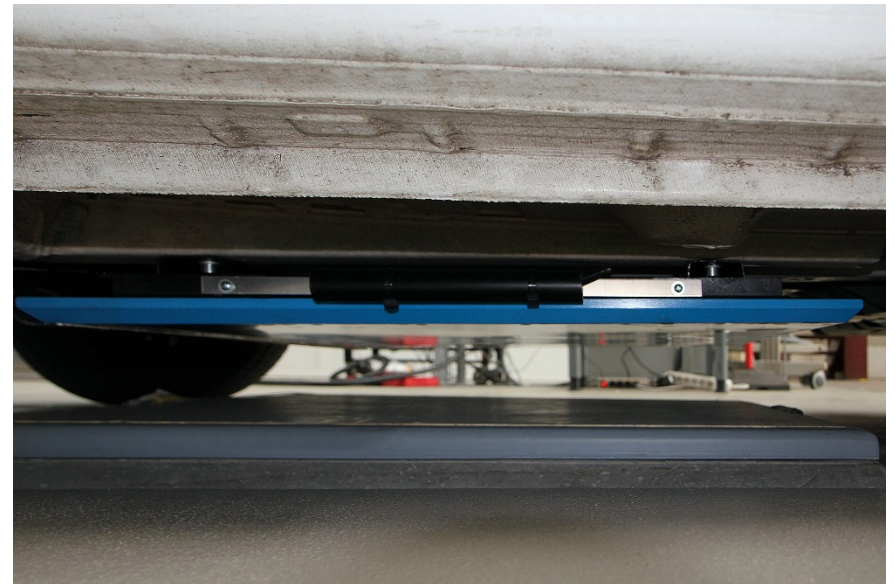
- Transfer power: 30 kW
- System type: Stationary
- Air gap: 11 cm
- Gross battery capacity: 24 kWh
- Pick-up dimensions: 880 x 860 x 25 mm





## Citroen Berlingo Gen. 2 – for customer, in use since Q4 of 2016

- Transfer power: 30 kW
- System type: Stationary
- Air gap: 14 cm
- Gross battery capacity: 22,5 kWh
- Pick-up dimensions: 880 x 860 x 25 mm



## NISSAN Leaf Gen. 2 – for customer, in use since Q4 of 2016

- Transfer power: 30 kW
- System type: Stationary
- Air gap: 11 cm
- Gross battery capacity: 30 kWh
- Pick-up dimensions: 880 x 860 x 25 mm





# IVECO Daily electric van – for customer, in use since Q1 2017

- Transfer power: 12 kW
- System type: Stationary
- Air gap: 11 cm
- Gross battery capacity: 63 kWh (ZEBRA)
- Pick-up dimensions: 880 x 860 x 25 mm
- Vehicle side Voltage: 270 V





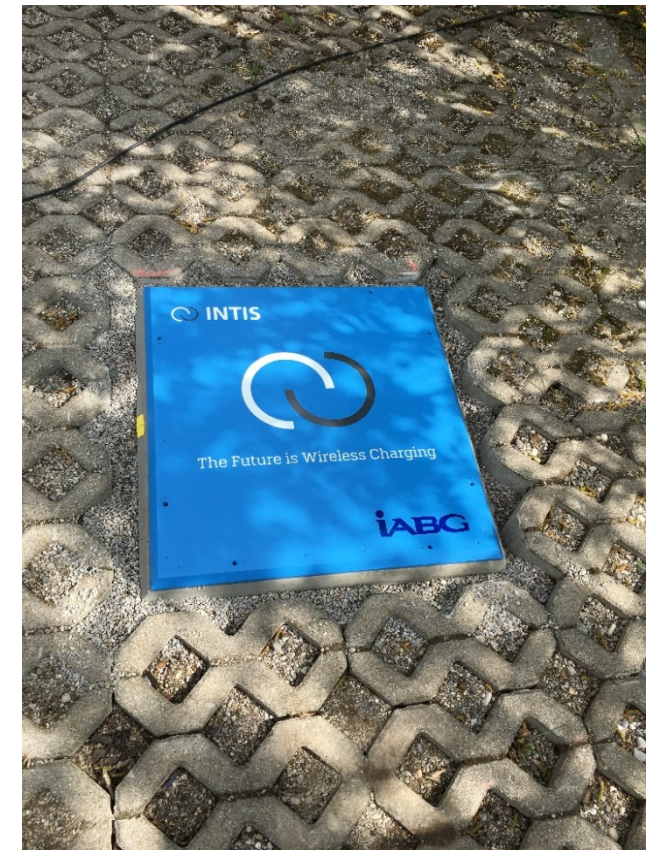
# Linde P250 luggage hauler – for customer, in use since Q1 2017

- Transfer power: 15 kW
- System type: Stationary
- Air gap: 10 cm
- Gross battery capacity: 50 kWh (lead acid)
- Pick-up dimensions: 750 x 680 x 28 mm



## BMW i3 – for customer, in use since April 2018

- Transfer power: 11 kW
- System type: Stationary
- Air gap: 13 cm
- Gross battery capacity: 22 kWh
- Pick-up dimensions: 420 x 300 x 25 mm
- Vehicle-side Voltage: 360 V





## OTS 1.0 – for customer, in use since June 2018

- Transfer power: 11 kW
- System type: Stationary
- Air gap: 13 cm
- Gross battery capacity: 35.8 kWh
- Pick-up dimensions: 420 x 300 x 25 mm



Source: Schlitt/Siemens Mobility GmbH



Source: IAV GmbH



Interested in learning more? We're here to help!

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