THE FUTURE IS SMART AND SHARED ERS

Smart
- Prioritize charging
- Provide real-time smart city data

Shared
- Suitable for all types of EV especially autonomous
Date established: 2013
Public company in the Tel Aviv Stock Exchange
THE TECHNOLOGY
**FEATURES**

**INVERTER**
Features:
- Modular system
- 400v 3-phases
- 180 KW

**STRIPE**
Features:
- Modular system
- Passive element
- 25KW per segment

**RECEIVER**
Features:
- 95x60 cm
- 25KW
- Stabilizing Sys
- Weight 27 kg

**SYSTEM**
Features:
- Efficiency: 87%
- Meets EMC/EMF standards

*ELECTREON - CHANGING THE WAY FORWARD*
REAL TIME MANAGEMENT SYSTEM
SO, WHY WIRELESS?
NO MOVING PARTS

Minimum weight and cost
Static unit at the bottom
Can connect multiple receivers depending on the power requirement
DURABLE AND SAFE
PUBLIC TRANSPORTATION IN URBAN ENVIRONMENT

1. First demo in Tel Aviv
   1 km E-road charging an electric bus

2. Vision
   Turn Tel Aviv to the first wireless E-road city
HEAVY DUTY TRUCKS ON HIGHWAYS

There is no good solution for electrification of heavy-duty point-to-point long haul

Needs a huge battery

Charging infrastructure and operation is very complex

First demo in Sweden as part of the Swedish electric highways roadmap
SMARTROAD GOTLAND

The world’s first wireless ERS for cars, buses, and trucks on public roads
SMARTROAD GOTLAND- DEPLOYMENT

Each section is deployed in both directions

Section C 200m
Section B 500m
Section A 200m

Lab tests → Integration → Tests and operation on test track → Dismantling

Test operation
Operation with professional driver
Commercial operation

smartroadgotland.com
WIRELESS ERS
THE WAY TO 100% ELECTRIC