

# THE TECHNOLOGY

# CHARGE TO CHANGE

# OUR VISION



## ELECTRIC ROAD

**Dimensions:** L9200xW350xH38 mm (Top mounted)  
L9200xW300xH50 mm (Submerged)  
**Effect:** 150-300 kW  
**Voltage:** 600-750 V  
**Material:** Aluminium, Copper, Steel, Rubber  
**Other:** Several PCB boards built in, 28 Sensors, Wifi, 4G



## PICK-UP

**Dimensions:** L2000xW1000xH20 mm (Car) L2400xW1000xH60 mm (Bus and truck)  
**Sliding contacts:** 3 to 6 depending on wanted effect (150/300 kW)  
**Material:** Aluminium, Copper, Steel, Rubber

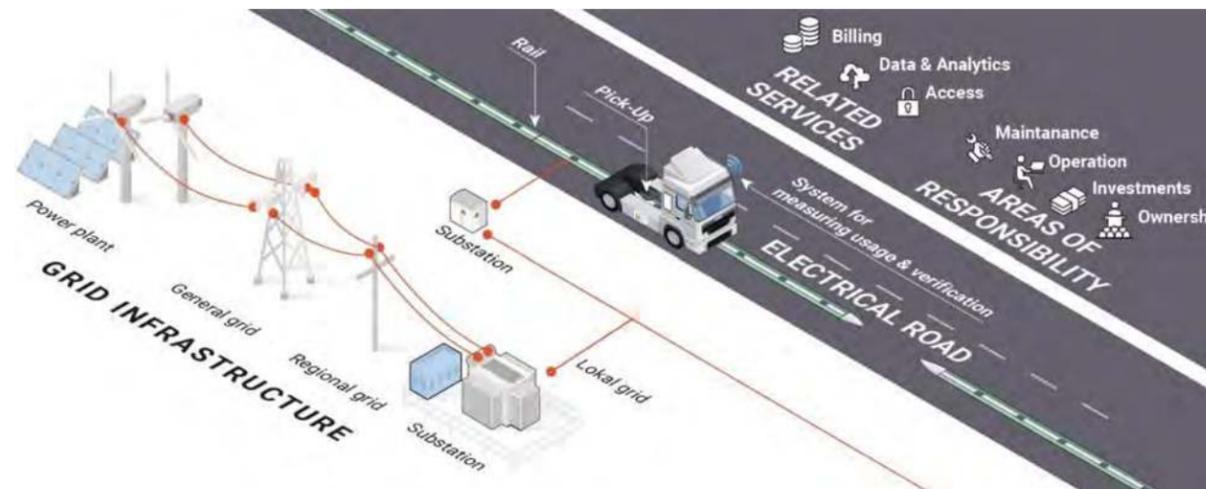
## POWER STATION

**Dimensions:** L3xW2,5xH2 m  
**Effect:** 0,5-3 MW  
**Grid connection:** 3 Phase 400V AC - 11kV AC  
**Data to operation:** LAN/4G  
**Data to vehicle:** Wifi, 4G

# APPLICATIONS



# HOW DOES IT WORK?



The electric road supplies the vehicle with power via a Pick-Up placed under the vehicle, offering an economic and simple solution for all types of vehicles. For an electric car, the Pick-Up is only 20 mm high and can be retrofitted. For an electric bus or truck the height is 60 mm. The Pick-Up slides along the rail, activating each separate one meter segment below the vehicle, at a time. With three sliding contacts in a smart arrangement, it reaches positive and negative poles simultaneously and supply power for propulsion while also charging the battery.

We are a Swedish e-Mobility start-up building the future of charging infrastructure, which means we will be **changing the way we charge all electric vehicles**, on the road driving or when you are parked. Our **electric roads** extend the driving range of all electric vehicles as well as reducing the need for large and heavy batteries. We are a **safer, cheaper and more efficient** alternative to make fossil fuels a thing of the past!

We replace **range anxiety** with **range happiness**. Whether you drive a car or truck, the seamless charging experience will make you wonder how you ever lived without it.

# GET IN TOUCH

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