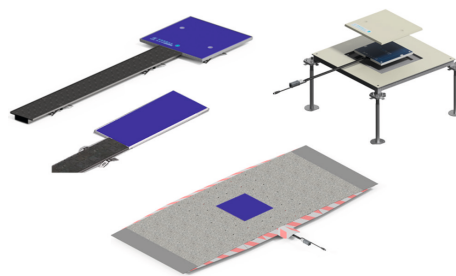
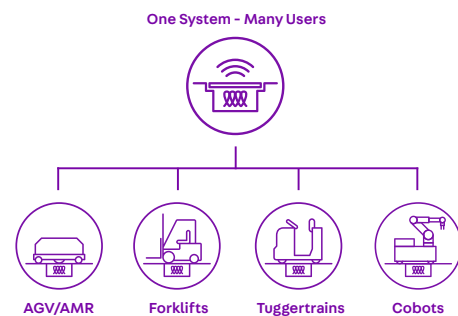
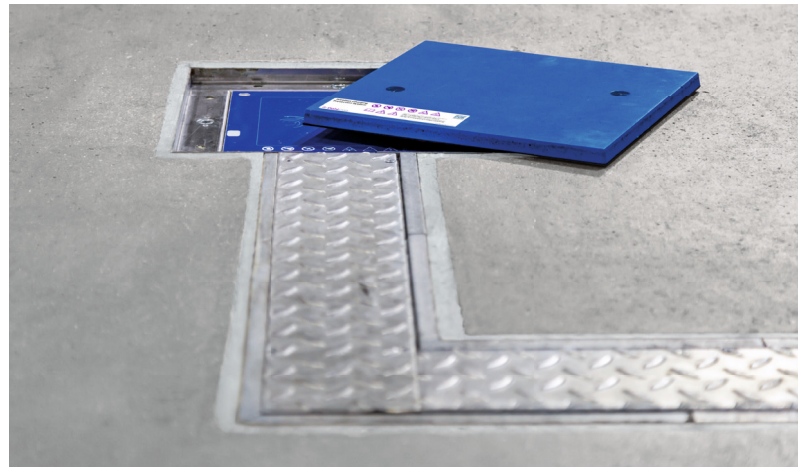


Wireless Charging Protection System

WCPS

The WCPS charging infrastructure is harmonized with the charging technology from Wiferion and also enables interoperable charging of different vehicle classes. The load capacity of the system allows it to be driven over, which enables in-ground use for mixed traffic and intersecting routes. The WCPS is certified as an infrastructure product. Integration into new and existing buildings is minimally invasive, simple and quick.



One system - many users

The WCPS makes it possible for a large number of vehicle types and classes that share routes and tasks to use the system.

It does not matter what type of battery or weight of the vehicle, as long as it is equipped with the technology. The system is accessible from all sides thanks to the flush-floor integration and therefore offers full flexibility for the autonomous the autonomous fleet.

The system at a glance

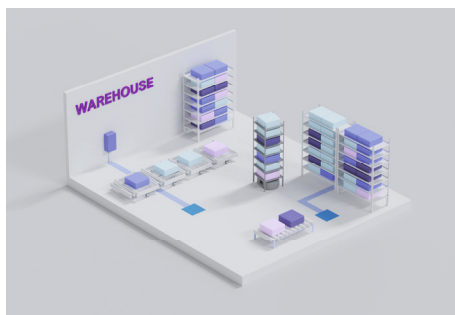
WCPS is a flexible wireless charging infrastructure system for installing contactless charging stations flush with the floor. The charging infrastructure can be used as a stand-alone solution or in combination with other flush-mounted charging pads. WCPS combines optimum usability with pioneering charging technology, whether flush with the floor, in a raised floor or a ramp-plateau.

Benefits



- Charging infrastructure flush with the floor for driving over
- Process-optimized fleet management through in-process charging
- Up to 30% smaller fleet and up to 50% smaller batteries
- More added value by eliminating separate charging zones and restricted areas
- Up to 80% space saving
- Interoperable system allows flexible use of vehicles
- Avoidance of violent damage to the charging technology thanks to flush-floor integration
- High level of occupational safety due to the elimination of tripping hazards/exposed cables
- Easy to integrate, both in new buildings and as a retrofit solution in existing buildings

WCPS in Applications



Never stand still

Modern logistics works around the clock, seven days a week. Efficient fleet planning is therefore essential in order to meet the high demands. Cleverly planned charging points can ensure that the fleet operates at a stable, high charging status and that there are no breaks due to fleet changes or charging times. This is how to make your logistics fit for the future.



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etaLINK 3000 TECHNICAL DATA



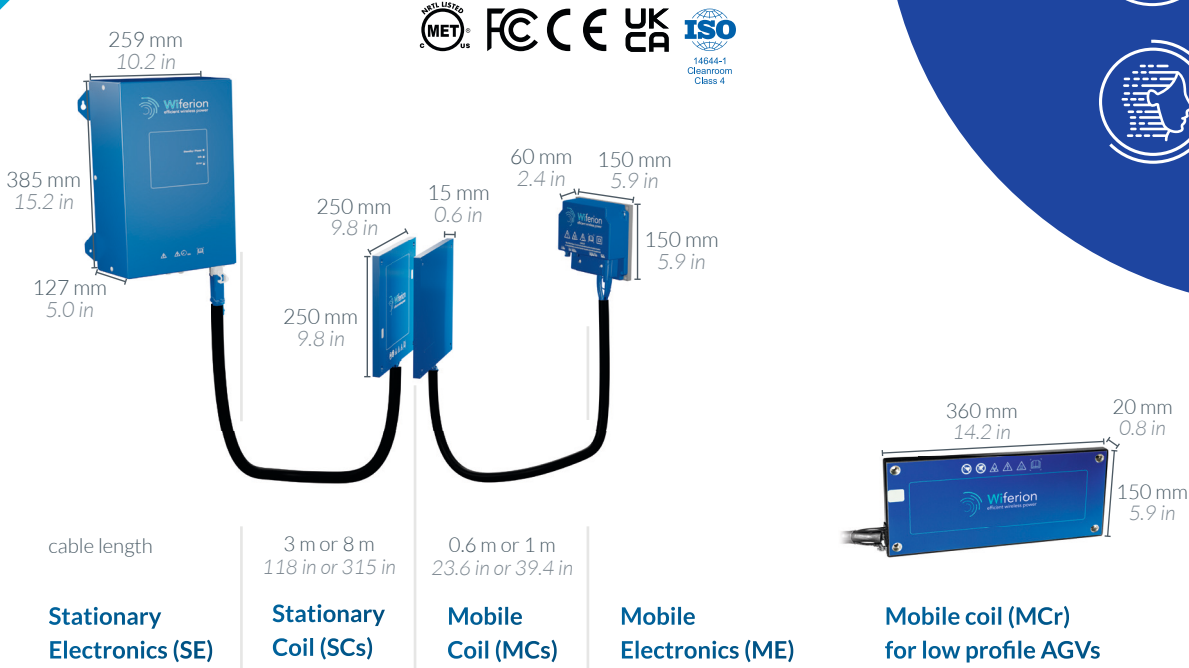
Faster



Safer



Simpler



Max. output power	3 kW
Output voltage	15 to 60 V DC
Max. output current	Up to 60 A
Overall efficiency	Up to 93%
Position tolerance	+/- 30 mm (+/- 1.2 in)
Clearance	5 to 40 mm (0.2 to 1.6 in)

Charging process	Automatic, start up time <1s
Extension / max. output power	6 kW to 9 kW through parallel circuit
Battery type	Any (lithium technology preferred)
Ambient temperature in operation	SE, SCs, MCs: -10 to 40 °C (14 to 104 °F) ME: -10 to 60 °C (14 to 140 °F)
IP protection	SE: IP20 SCs: IP65/68 ME: IP54 MCs: IP65/68
Certification	CE & UL (E115286) FFC (Part 18)



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