



Mobility



Energy



Environment

The Future is Wireless



Wireless Power Coil systems for stationary charging

30 kW version:

Rated power: 30 kW
Rated air gap: 3 cm
Rated frequency: 30 kHz

Primary component:

Area: 0,5 m²
Thickness: 34 mm

Secondary component:

Area: 0,75 m²
Thickness: 22 mm

In the picture above you can see a 30 kW version of our stationary charging technology, which can be scaled by multiples of 30 kW for higher power-transfer requirements.

The coil system is composed of a charging plate for the land side (primary component) and a pickup to be integrated into the ship (secondary component).

The land-side charging plate can either be attached directly to the quay or installed on a floating pontoon to account for changes in water level. Depending on customer requirements, the required power electronics systems can either be installed behind the charging plate or in a separate electrical cabinet on shore, where they can be connected to the grid.

The pickup is installed and integrated into the ship using pre-existing electrical systems, in so far as is possible.

INTIS Lathen

INTIS GmbH
Hermann-Kemper-Str. 23
49762 Lathen
GERMANY
Tel. +49 (0)5933 62 45
Fax +49 (0)5933 62 20

info@intis.de
www.intis.de

