

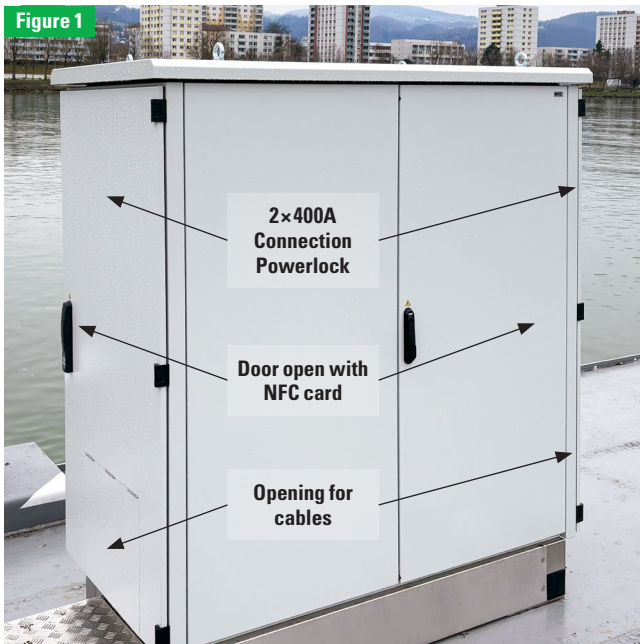
User manual

Onshore Power Supply Inland Navigation Linz / Engelhartzell

Electrical connection

The electrical connection to the terminal is made via 400A Powerlock plugs. There are 2×400A available on both sides of the terminal. The side connection area can be opened with a swivel lever by holding up an authorized NFC card, which you will receive from us in advance. There is a cable flap for the connection cables in the lower area of the door.

Figure 1



First of all, the connection cables must be connected on the ship's side and the power lock must be closed. A choke coil installed on the ship's side between outer conductor "L3" and neutral conductor "N" is essential. This coil is used to monitor the correct connection to the on-board power supply. If this is not present, the terminal will not be enabled.

For the electrical connection at the terminal, the cables must be individually connected to the Powerlock connector. From left to right in the order **PE (gegr) / N (bl) / L1 / L2 / L3** (Figure 2). Afterwards, on the right edge of the Powerlock terminal, there is a triangular closure, which must be locked using the triangular key placed in the connection area.

Terminal operation

After, as described previously, the cables have been connected to the Powerlock connectors and locked with the triangular key, the activation for the power supply can proceed. The message "**Bitte autorisieren ...**" (means please authorize) appears on the display.

Now, the NFC card that was previously used to open the door is held in front of the NFC reader to verify authorization. Once authorization is successful, the power supply is initiated. The display shows "**Lädt seit ...**" (means charging since) indicating the duration of the charging process.

After activation, the door should be closed.

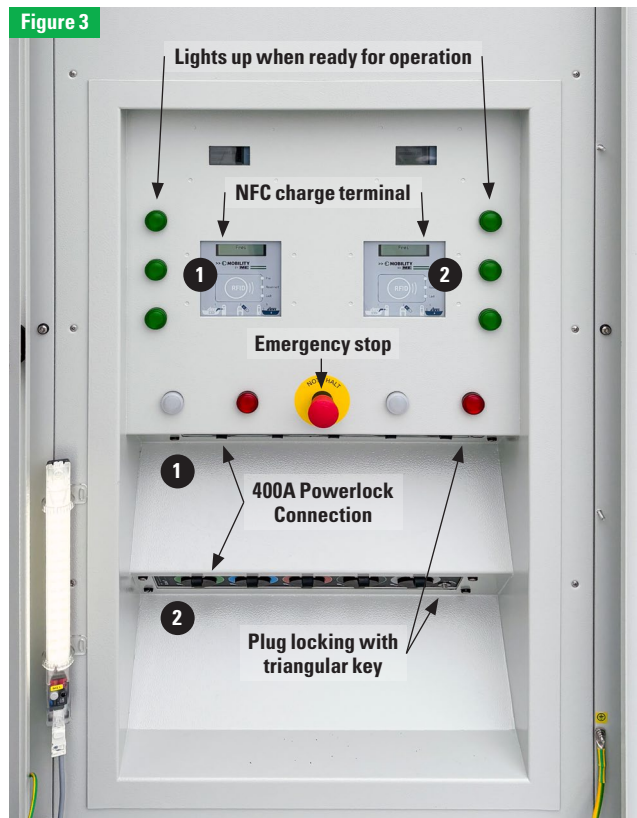
If the onshore power supply needs to be disconnected immediately before departure, the onboard system must first be switched to ship operation. Then, the Powerlock is unlocked using the triangular key, which interrupts the power supply. Subsequently, the cables can be disconnected in reverse order.

In case of any malfunctions, please contact our hotline at +43 732 3400-8080

Figure 2



Figure 3



LINZ STROM GAS WÄRME GmbH
4021 Linz, Wiener Straße 151, Austria

Hotline: +43 732 3400-8080
E-mail: landstrom@linzag.at
www.linzag.at/landstrom



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