GINO AG

Elektrotechnische Fabrik

LOAD COMPACT 300 (GLC 300)

Product Data Leaflet

1 General information

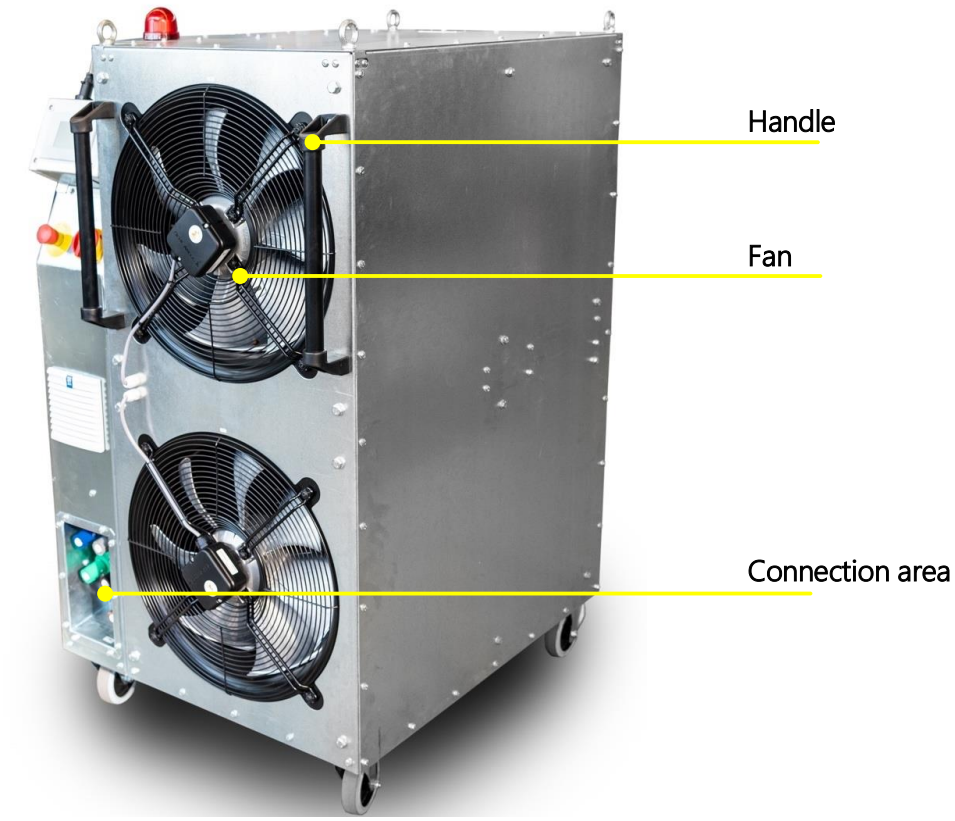
Load- and test resistors are used for inspecting, maintaining and testing of power sources like generators. In addition, it is often a legal requirement that uninterruptible Power Supply (UPS) are subject to a monthly test run to ensure trouble-free operation in the event of an emergency. Especially in public buildings or high-security facilities, a functional UPS is absolutely essential. All data centers, shopping malls, prisons or even hospitals (to name just a few) have an UPS.

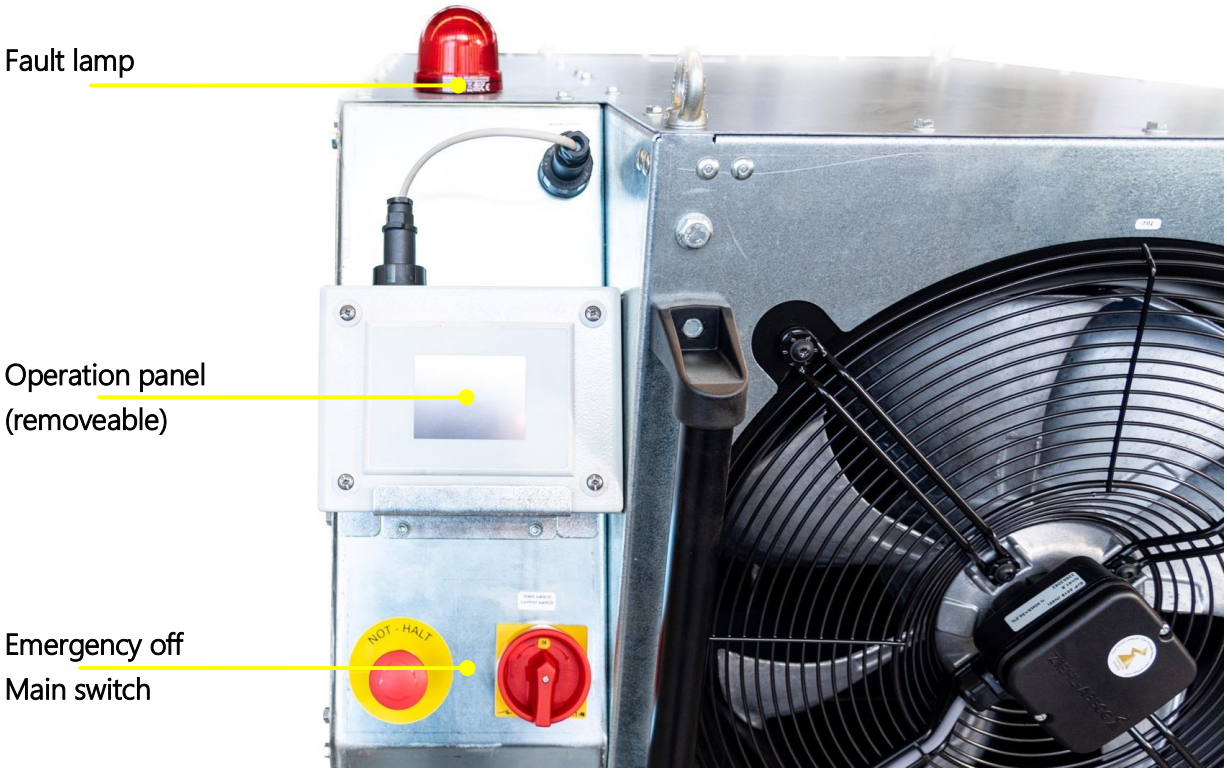
Compact dimensions and high flexibility due to a mobile design are very important requirements, especially in public buildings or data centers. The new 300kW load bank is designed exactly for these applications.

Typical applications of load and test resistors:

- Generator maintenance
- Trouble-free power supplies
- Data centers
- Renewable energies
- Test fields

2 Design overview





3 System information

Networking

Several resistors can be connected to each other in a very short time and without tools. In this case, the operation is done by only one touch panel. By interconnecting several load banks, the power range of a unit can be multiplied quickly and easily.

Simple operation

The load bank is operated either by the touch panel directly at the device (loadbank) or remotely by the panel. Optional connection / data cables in various lengths are available for this purpose. The power can be preselected with an accuracy of 1kW and transferred to the test device with the LOAD TRANSFER key. The power setting and fault messages are also indicated on the display.

Simple and safe load connection

The load connection is made by means of standard plug-in system. This ensures a fast and safe connection to the load bank. Optionally, the connection can be made by using simple connection bolts. In addition, it is possible to purchase prefabricated connection cables in various lengths.

Main features

- 300 kW / per unit
- Networking (combination of several units)
- Mobile / compact design
- Robust construction
- Simple / clear operation
- Safe / simple load connection
- Low noise level due to the use of noise optimized fans
- Constant power range due to the low temperature coefficient of the resistor material
- 230 V auxiliary voltage for the control system and the fans
  (Internal or external supply is possible)
- Low operating temperatures ensure safe and long-term operation
- Temperature monitoring of the air outlet

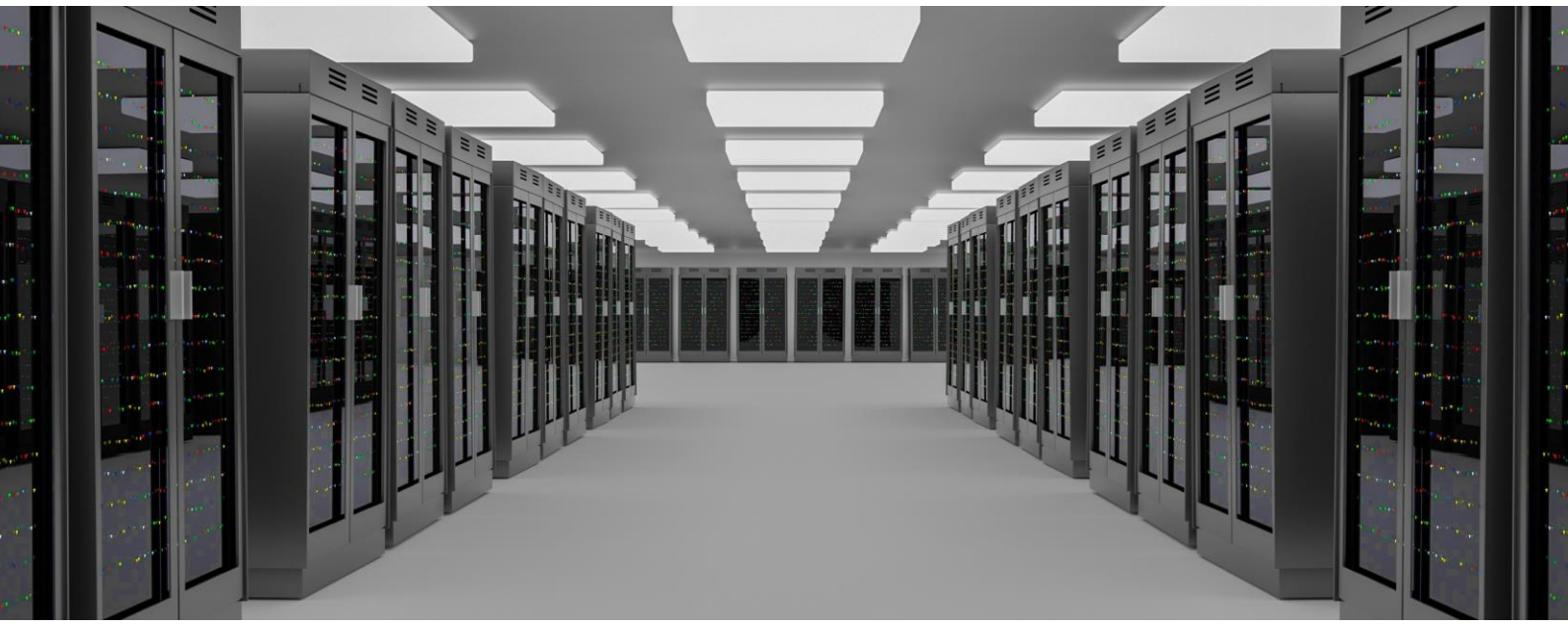
4 Technical data

- Load voltage [V]: 3~ 400
- Auxiliary voltage [V]: 1~ 230
- Frequency [Hz]: 50 / 60
- Total power [kW]: 300
- Gradation [kW]: 1
- Sound level [dB]: ~78
- Degree of protection: IP21

- Dimensions (LxWxH) [mm]: 1030 x 800 x 1500
- Weight [kg]: 250

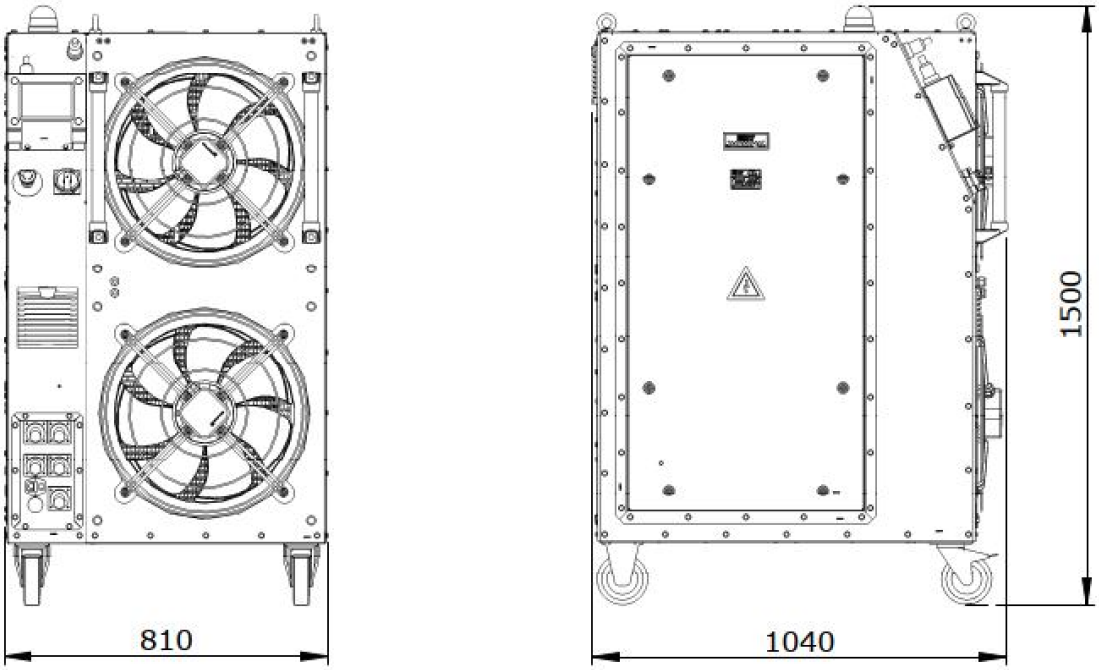
5 Optional accessories

- Cable set for interconnection of several load banks
- Cable set for load connection in different lengths
- Cable set for auxiliary connection in different lengths
- Automatic power regulation
- Housing design for outdoor installation
- Load connection by standard bolt terminals



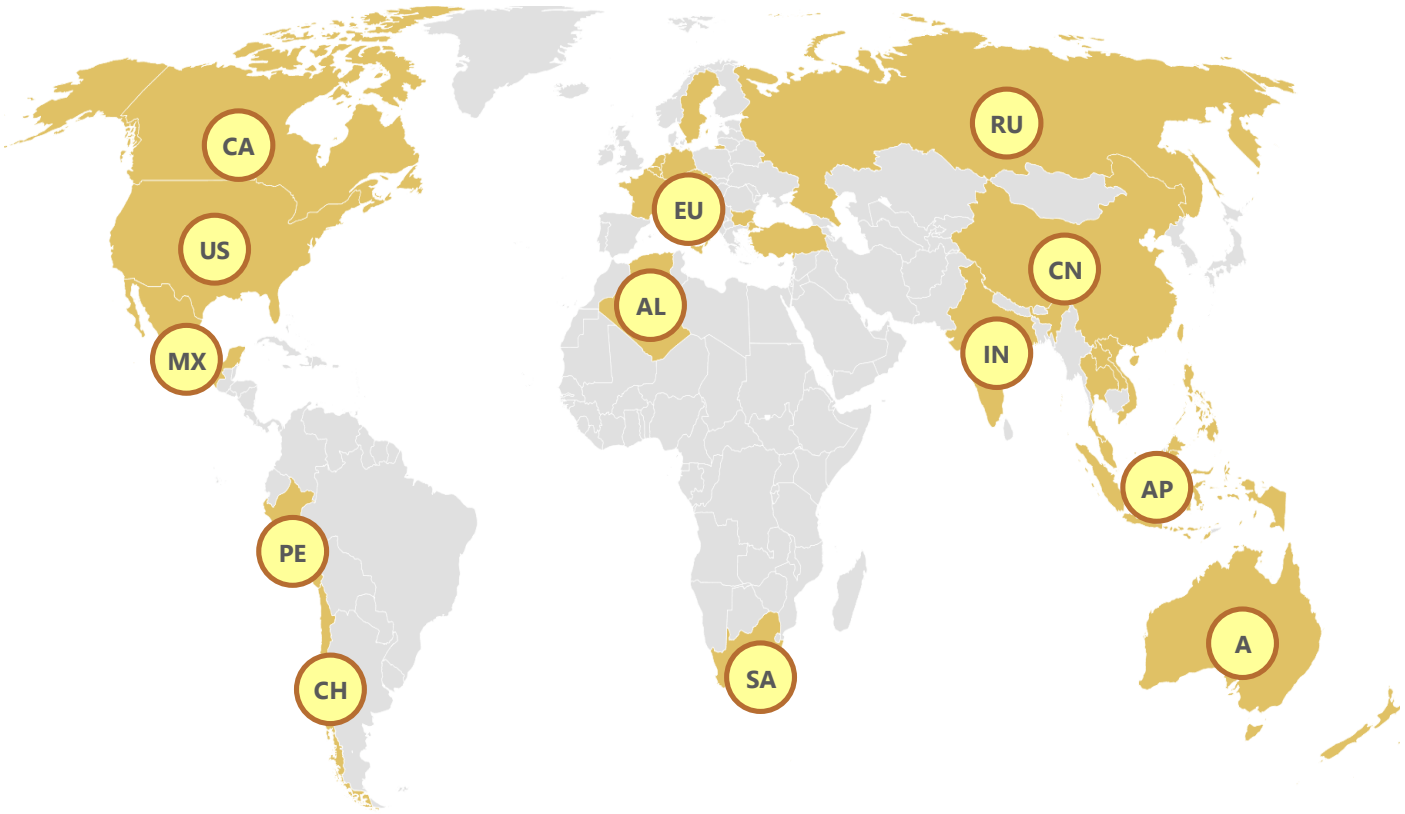
6 General arrangement

3D model



Dimensional drawing

GINO Representatives



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