



Marine Commercial Worldwide

Marine Diesel Generating Sets



Technology & Experience since 1948

Marine

Power

Direkt

BHKW

Komponenten

Service / Parts



Marine Commercial Worldwide

Marine Diesel Generating Sets for Commercial & Offshore application

Lindenberg-Anlagen GmbH

Was founded in 1948 by Karl Lindenberg, engineer, at that time head designer of large water-cooled Diesel engines with Klöckner-Humboldt-Deutz AG, Cologne.

An International company well known as experts in development, design and construction of generating sets, including customized designs to certified standards.

Our staff have experience and competence gained over 30 years in the marine business and our specialists work at modern workplaces with the latest hard and software for production of high quality products.

The generating sets are assembled to meet our high quality standard, as laid down in the company's quality hand book.

This meets the standard of DIN ISO 9001:2001, as well the requirements of the German Army and NATO / NAMS Agency and quality assurance departments of renowned National and International companies.



Each generating set is factory tested in the company's state of the art test shop, before shipment. Full load test for individual sets or parallel operation is mandatory.

The testing is carried out according to classification rules, in the presence of the classification societies surveyor.



RINA

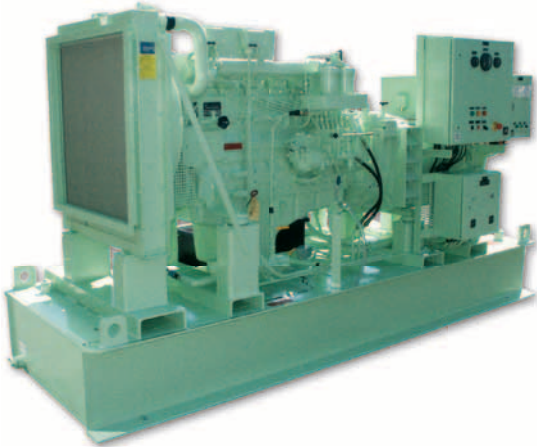


Customized and standard on-board Auxiliary, Emergency and Harbour Generating Sets

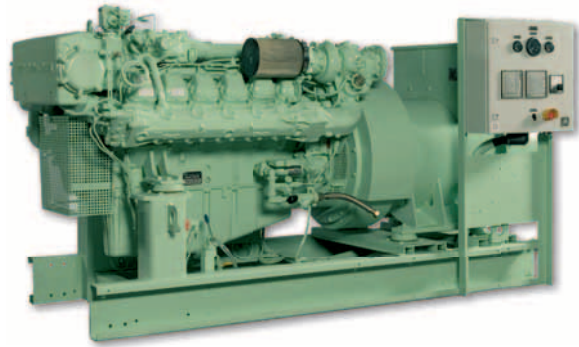
Ratings up to 3000 kW

Our generating sets

Are mainly equipped with high-speed marine diesel engines and high quality alternators, two bearing types and assembled in Europe.



176 kW emergency generating set with MAN diesel engine and integrated fuel oil tank



590 kW auxiliary generating set with MAN engine

Optional versions

Containerised, sound proof canopies, double elastic installation, special alternator designs and integrated daily fuel tank in the bed frame. Many more can be provided on request.

Standard design

The diesel engine and the alternator are flanged and connected through a flexible coupling in order to avoid dangerous torsion vibrations.

The diesel engine and the alternator are mounted on a common marine bed frame, manufactured of electro-welded steel profiles.



486 kW soundproofed marine generating set for diesel electric propulsion powered by MAN engine



1350 kW emergency generating set with MTU diesel engine

Advantage of LIAG customized or standard Generating Sets *To meet customer demands*

Advantage of LIAG generating sets

- low operation costs
- long life span
- world wide service
- minimum space requirements
- low weights
- less air pollution according to IMO TIER II
- approved by all classification societies
- detailed documentation
- only use of high quality parts inspected by LIAG



**170 kWe emergency generating set with
John Deere engine**

Monitoring system MEC 24

Our generating sets are equipped with monitoring system MEC 24 which is specially designed and developed for marine applications by LIAG. The MEC 24 fulfills the rules of all classification societies and includes the following benefits:

- easy to handle
- monitoring of all requested gauges
- monitoring of all requested alarms
- upgrade to MOD bus (Option)
- different languages are available
- Display of logography symbols (Chinese, Japanese,...)
- colour display
- modular, autonomous construction of all components
- monitoring of all engine data via CAN BUS



Components and spare parts

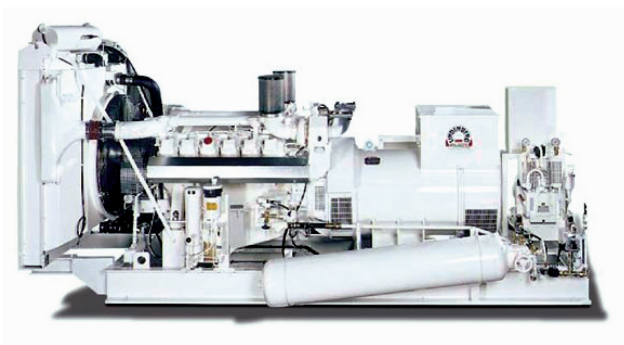
We can supply all spare parts: components for the diesel engines, alternators, electric parts and much more.

In our 'Material Disposition Program' (part of our own ERP system) we keep a record of each generating set's components, so that we can guarantee the supply of original replacement parts when required.



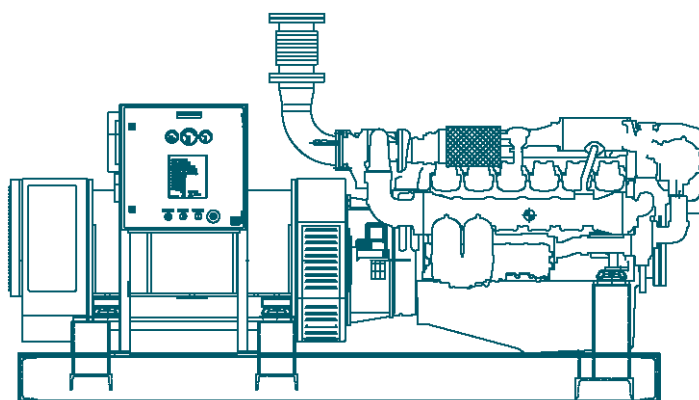
Why to buy Lindenberg generating set

- over 60 years experience in manufacturing of generating sets and over 30 years experience in the marine business
- standard and customized generating sets available
- approved by all classification societies
- only use of high quality parts inspected by LIAG
- less air pollution according to IMO TIER II
- minimum space requirements
- low weights
- reliable
- long life span
- low operation costs
- ease of use
- detailed documentation
- prompt availability of spare parts
- world wide service



580 kW emergency-harbour generating set powered by MAN engine with compressor and air reservoir.

Selection Guide



Prepared to Meet Your Specific Requirements – Our Technical Sales Support

We offer extensive consulting ranging from individual plants to complex turn-key projects to meet the individual requirements. Please contact our sales department for further information.



42 locations worldwide



Gegründet 1948
Founded 1948

Lindenberg-Anlagen GmbH Marine

Hoffnungsthaler Straße 41
51491 Overath
Germany

Phone +49 (0) 22 04. 48 103 - 0

Fax +49 (0) 22 04. 48 103 - 164

Mail marine@lindenberg-anlagen.de

Web www.lindenberg-anlagen.de