



POWER SYSTEMS **MARINE**

 POWER
MADE IN GERMANY



POWER

DESIGNED FOR YOUR REQUIREMENTS

YOUR ADVANTAGES



More than 75 years of experience

Thousands of successfully completed projects since 1948, built on engineering know-how and long-term relationships.



Compact generator set design

Maximum performance with minimum installation space, giving you more flexibility in vessel and plant layout.



Standard platforms, customised solutions

Cost-efficient designs tailored to your requirements.

See project examples on page 8.



Strong manufacturer partnerships

Long partnerships with leading engine manufacturers, combined with the flexibility to select the best solution for your application.



Proven Power Lines

Discover our standard generator set series covering the most common engine models and power ranges. *See page 10.*



From concept to commissioning

Project planning, design, manufacturing and testing from one source. From the first concept through to final commissioning.

GENERATOR SETS AND DIESEL-ELECTRIC DRIVE SYSTEMS FOR SHIPS

Lindenberg-Anlagen GmbH offers a wide range of customised power solutions for the shipbuilding industry, including auxiliary, harbour and emergency generator sets, diesel-electric drive systems and hybrid solutions. Our generator sets are available in containerised, soundproof canopy or open-skid configurations.

Our solutions are used worldwide on seagoing vessels ranging from cruise ships, offshore supply vessels and workboats to container ships, supertankers and fishing vessels, as well as on inland waterway vessels. Many tall ships and yachts rely on Lindenberg generator sets for their onboard power supply.

All Lindenberg generator sets are designed and manufactured in accordance with the requirements of leading international classification societies, including DNV, LR, BV, ABS and RINA. With decades of engineering experience, our team develops and manufactures reliable, customer-specific power solutions, successfully delivering even the most demanding projects.

LET'S DISCUSS YOUR PROJECT!

 +49 2204 481030

 marine@liag.de

WORLDWIDE SALES AND SERVICE



GERMAN ENGINEERING, GLOBAL REACH

Engineered and produced in Germany. Trusted worldwide. Each generating set we build reflects German engineering excellence and the quality standards our industry is known for. Through our shareholder's presence in Abu Dhabi, we extend this German quality with responsive sales and service support to customers around the globe.



MARINE POWER SOLUTIONS

POWER GENERATION



1020 kWe variable speed Propulsion and Auxiliary Genset with sound enclosure and SCR

DIESEL-ELECTRIC DRIVE SYSTEMS

Diesel-electric propulsion decouples engine speed from propeller speed, allowing power generation and propulsion to be matched precisely to the vessel's load profile, from harbour manoeuvring to open-sea passage. The benefit is lower fuel consumption, reduced emissions, and smoother, quieter operation. Systems are engineered to vessel type and duty cycle, integrated into existing onboard networks, and meet current international emission standards.

AUXILIARY DIESEL GENERATING SETS

Robust, marine-duty generating sets providing reliable onboard power for lighting, navigation, pumps and auxiliary systems. Designed for continuous duty under demanding conditions, with elastic mounting and acoustic enclosure options for low-vibration, low-noise operation. Available across a wide power range and configured to specific space and load requirements.



420 kWe Auxiliary Genset with integrated fuel tank for self starting, canopy optimised design



375 kW Emergency Genset

EMERGENCY & EMERGENCY-HARBOUR GENERATING SETS

Emergency generating sets provide automatic backup power to safety-critical systems aboard the vessel in the event of main power loss, meeting class and statutory requirements for automatic starting, short cranking times and immediate load acceptance. Emergency harbour generating sets serve the same function while the vessel is in port and can additionally take over the role of an auxiliary genset, supplying loads independently of shore power or the main plant when required. Port and harbour operation often calls for exhaust emission limits in comparison to pure emergency use, so we equip harbour gensets with the appropriate exhaust gas aftertreatment to meet these local and regulatory requirements. Fire-protected enclosure options are available for installations requiring certified fire-rated emergency rooms.

MARINE POWER SOLUTIONS

INTEGRATED TECHNOLOGIES



110 kW Canopied Genset with weather-protected air inlet/outlet, fuel piping connections, CO₂ fire extinguishing system and electrical overload protection

GENERATING SETS IN CONTAINERS / ENCLOSURES

Fully self-contained generating sets in acoustic, weatherproof enclosures, factory-integrated with fuel and urea tanks, switchgear and control systems. This all-in-one approach reduces on-site interfaces, shortens commissioning time, and provides a compact, maintenance-friendly power solution for shore and shipboard installation alike.

EXHAUST GAS AFTERTREATMENT

SCR and diesel particulate filter (DPF) systems reduce NO_x and particulate emissions to meet current and upcoming regulatory limits, including EU Stage V and IMO Tier III. Aftertreatment is engineered as an integral part of the generating set, matched to engine and power output for compact installation without compromising performance or availability. The complete aftertreatment system is directly mounted on the frame, ensuring a compact and integrated installation.



IMO Tier III NO_x reduction aftertreatment (SCR)

ENGINEERING & INTEGRATION



MEC24 monitoring and control panel, providing real-time alarm, safety and automated control functions with plain text alarm display on a 5.7" colour screen

MARINE ENGINE CONTROLLER 24 (MEC24)

The Lindenberg Marine Engine Controller 24 is a real-time monitoring alarm and safety system including automated control for engine and generating set operation. An intuitive interface supports straightforward monitoring and configuration, with reliable integration into onboard alarm and power management systems.

REFIT PROGRAMMES

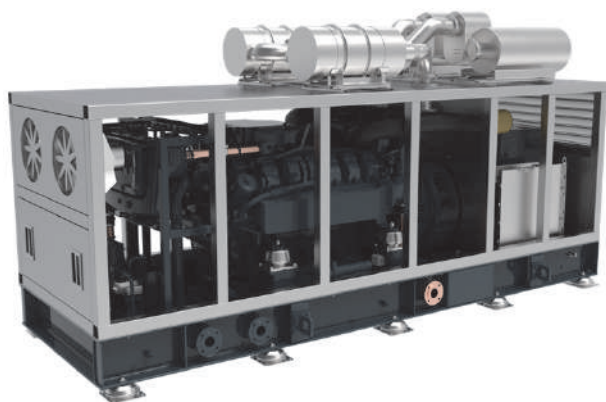
Complex retrofit projects for vessels in service, from replacing generating sets to converting propulsion systems, coordinated with the structural work required for installation. Our refit programmes cover engineering, integration and commissioning, enabling operators to upgrade performance, efficiency and emissions compliance without commissioning a new build.



575 kWe Essential Genset with customised soundproof machine housing, installed on deck during a scheduled port call for uninterrupted cruise operation in a space limited engine room

Project Examples

Customized Solutions



Compact EU Stage V Generating Set

Space-saving generator set with integrated exhaust aftertreatment and heat recovery. Designed for applications where compact dimensions and low emissions are essential.



Soundproof canopy



Heat recovery



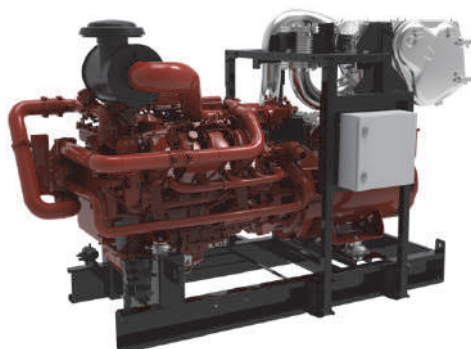
SCR and DPF
exhaust treatment
for EU Stage V



Compact design
all components
inside canopy



Double elastic
mounting



EU Stage V Inland Waterway Solution

Compact generator set based on a marinised engine, specifically designed for inland waterway applications.



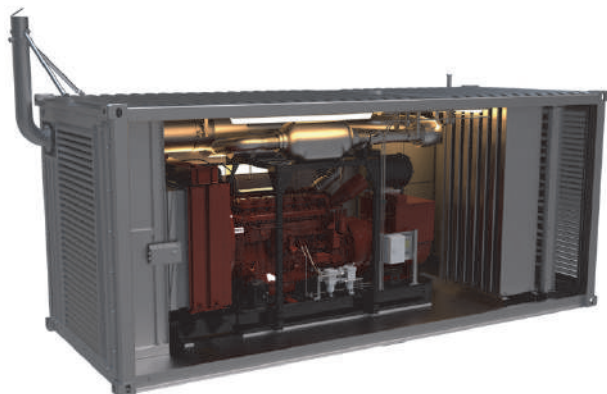
Marinised
engine



SCR and DPF
exhaust treatment
for EU Stage V



With mounted
urea tank



All-in-One Containerised Generating Set

Complete power solution with all essential components integrated into a soundproof container for easy installation and operation.



Generator set in
soundproof
container



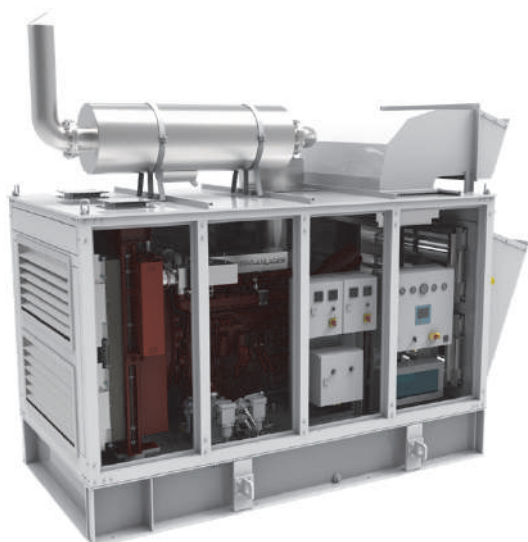
SCR exhaust
treatment for IMO
Tier III



With intake and
exhaust air louver
silencer



All-in-one solution
(tank, urea tanks,
cabinets, etc.)



A-60 Fire Rating Emerg. Generating Set

Compact emergency generator set designed for maximum safety and reliable emergency power supply in marine applications.



A60 fire-rated canopy with integrated fire dampers



Certified A60 exhaust penetration



Roof-mounted exhaust silencer



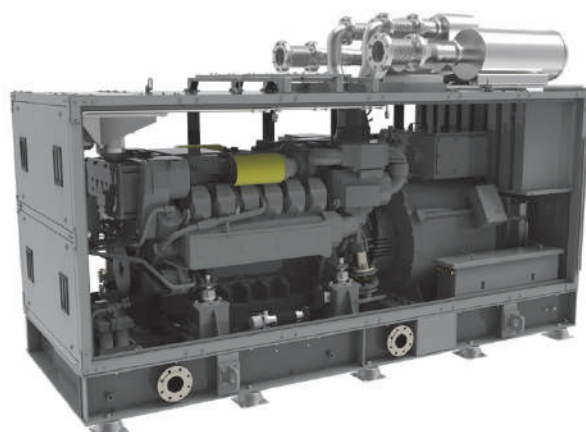
Batteries, battery charger and battery switch in canopy



All control cabinets integrated in canopy



Integrated fuel tank in base frame (18 h at 100%)



Variable-Speed Generating Set

High-efficiency marine generator set with variable-speed operation for reduced fuel consumption, lower emissions and optimised performance across varying load conditions.



Double elastic mounting



Variable speed



SCR exhaust treatment for IMO Tier III



Intake air silencer integrated



Water-cooled generator



Engine with seawater cooling



A60 fire-rated canopy with integrated fire dampers



Soundproof canopy

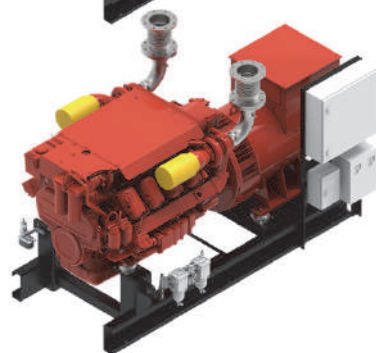
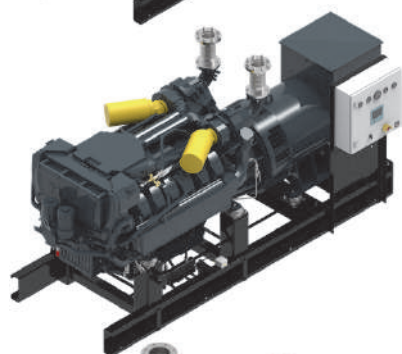
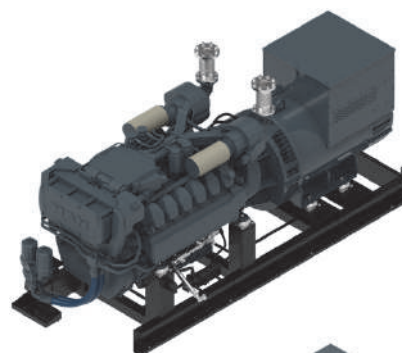


Fire fighting system integrated

POWER LINES

IMO TIER II
Main / Auxiliary Gensets

PAGE 12

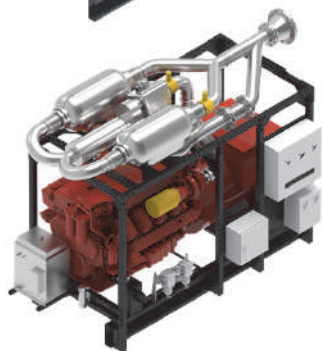
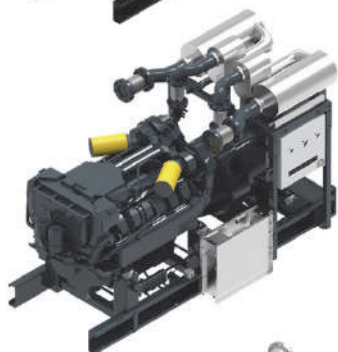
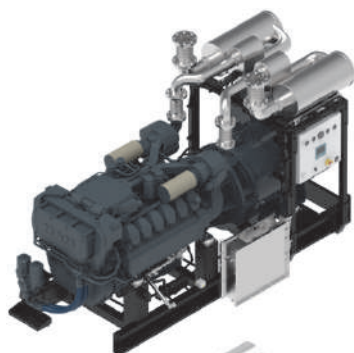


IMO TIER III

Main / Auxiliary Gensets

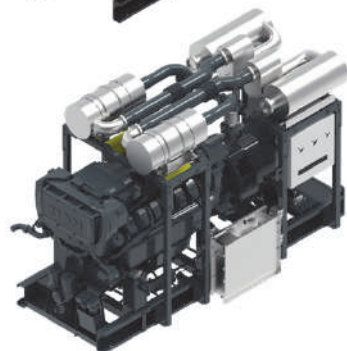
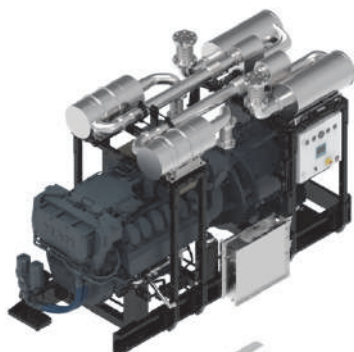
Including SCR-System

PAGE 14



Including SCR + DPF System

PAGE 16

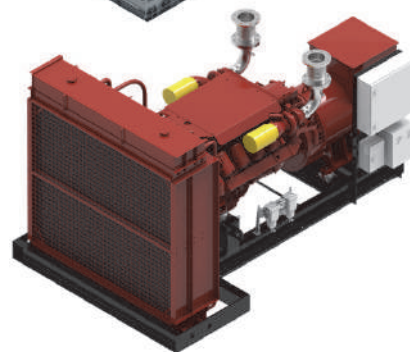
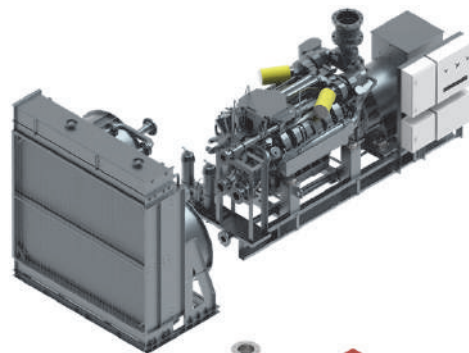


RADIATOR COOLED

Emergency /
Emergency-Harbour Gensets

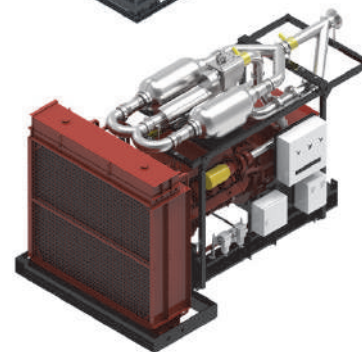
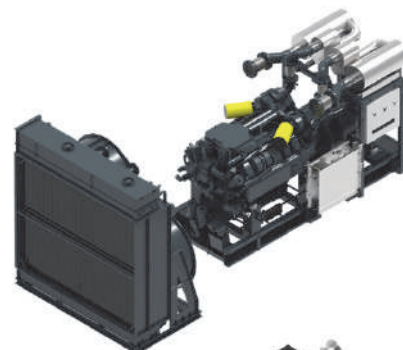
IMO TIER II

PAGE 18



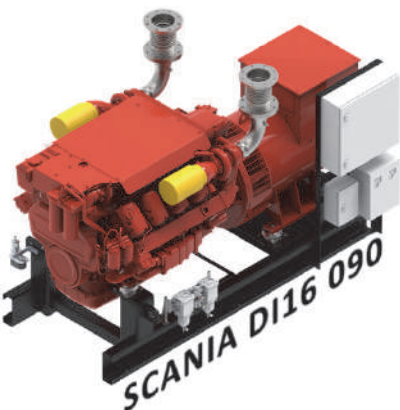
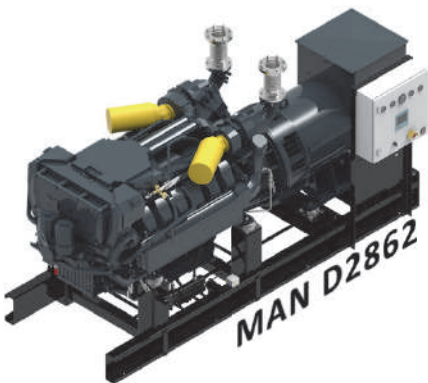
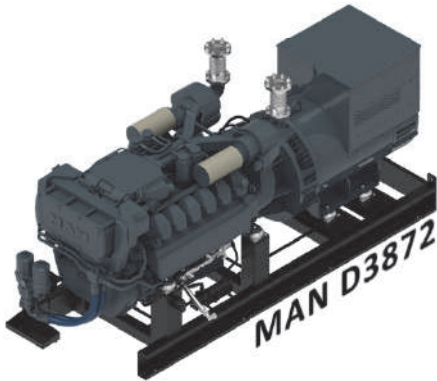
IMO TIER III + SCR-System

PAGE 20



MARINE POWER SYSTEM **IMO TIER II**

MAIN / AUXILIARY GENSETS



STANDARD SCOPE

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Main- and Auxiliary Sets with Keel Cooling (KC) and Water Pump
- ✓ Alternator IP23; 2 bearing type; Isolation Class H/H; Temperature Rise H; Droop Kit; Space Heater; Winding Temperature Sensor 3x PTC
- ✓ Electrical Starter
- ✓ Exhaust Connection Parts loose supply
- ✓ Marine Engine Controller 24 (MEC24)

OPTIONS

- Classification: ABS; BV; DNV; LR; RINA; RMRS
- Seawater Heat Exchanger (HE)
- Seawater Pump
- E(I)APP Certificate
- LT / HT Expansion Tank with Level Sensor
- Cooling Water Pre-Heater 220-690V
- Pre Lubrication Pump 220-690V
- Air Starter 30 bar
- Starting Battery Set; Battery Charger; Battery Switch
- Exhaust Gas Silencer with or without Spark Arrester

Heat Exchanger, 50 Hz, Auxiliary
IMO TIER II

Set power max. ¹⁾	Motor Type	LIAG Code
175 kWe	D2676LE332 ²⁾	MRL265HE175
260 kWe	D2676LE322 ²⁾	MRL265HE260
265 kWe	DI13 074M / 04-04 ³⁾	MRL135HE265
300 kWe	DI13 074M / 04-05 ³⁾	MRL135HE300
350 kWe	DI13 074M / 04-02 ³⁾	MRL135HE350
350 kWe	D2676LE321 ²⁾	MRL265HE350
400 kWe	DI13 074M / 04-03 ³⁾	MRL135HE400
420 kWe	DI16 074M (04-02) ³⁾	MRL165HE420
450 kWe	DI16 074M (04-03) ³⁾	MRL165HE450
480 kWe	DI16 090M (04-44) ³⁾	MRL165HE480
500 kWe	DI16 090M (04-45) ³⁾	MRL165HE500
565 kWe	D2862LE322 ²⁾	MRL285HE565
660 kWe	D2862LE321 ²⁾	MRL285HE660
810 kWe	D3872LE321 ²⁾	MRL385HE810

Keel Cooling, 50 Hz, Auxiliary
IMO TIER II

Set power max. ¹⁾	Motor Type	LIAG Code
175 kWe	D2676LE332 ²⁾	MRL265KC175
260 kWe	D2676LE322 ²⁾	MRL265KC260
265 kWe	DI13 075M / 04-14 ³⁾	MRL135KC265
300 kWe	DI13 075M / 04-15 ³⁾	MRL135KC300
350 kWe	DI13 075M / 04-12 ³⁾	MRL135KC350
350 kWe	D2676LE321 ²⁾	MRL265KC350
400 kWe	DI13 075M / 04-13 ³⁾	MRL135KC400
420 kWe	DI16 074M (04-12) ³⁾	MRL165KC420
450 kWe	DI16 074M (04-13) ³⁾	MRL165KC450
485 kWe	DI16 090M (04-34) ³⁾	MRL165KC480
500 kWe	DI16 090M (04-35) ³⁾	MRL165KC500
565 kWe	D2862LE322 ²⁾	MRL285KC565
660 kWe	D2862LE321 ²⁾	MRL285KC660
810 kWe	D3872LE321 ²⁾	MRL385KC810

Heat Exchanger, 60 Hz, Auxiliary
IMO TIER II

Set power max. ¹⁾	Motor Type	LIAG Code
200 kWe	D2676LE332 ²⁾	MRL266HE200
300 kWe	D2676LE322 ²⁾	MRL266HE300
350 kWe	DI13 074M / 04-01 ³⁾	MRL136HE350
400 kWe	DI13 074M / 04-02 ³⁾	MRL136HE400
420 kWe	D2676LE321 ²⁾	MRL266HE420
440 kWe	DI16 074M (04-01) ³⁾	MRL166HE440
480 kWe	DI16 074M (04-02) ³⁾	MRL166HE480
520 kWe	DI16 074M (04-03) ³⁾	MRL166HE520
560 kWe	DI16 090M (04-44) ³⁾	MRL166HE560
600 kWe	DI16 090M (04-45) ³⁾	MRL166HE600
660 kWe	D2862LE322 ²⁾	MRL286HE660
760 kWe	D2862LE321 ²⁾	MRL286HE760
925 kWe	D3872LE331 ²⁾	MRL386HE810

Keel Cooling, 60 Hz, Auxiliary
IMO TIER II

Set power max. ¹⁾	Motor Type	LIAG Code
200 kWe	D2676LE332 ²⁾	MRL266KC200
300 kWe	D2676LE322 ²⁾	MRL266KC300
350 kWe	DI13 074M / 04-01 ³⁾	MRL136KC350
400 kWe	DI13 075M (04-12) ³⁾	MRL136KC400
420 kWe	D2676LE321 ²⁾	MRL266KC420
440 kWe	DI16 075M (04-11) ³⁾	MRL166KC440
480 kWe	DI16 075M (04-12) ³⁾	MRL166KC480
520 kWe	DI16 075M (04-13) ³⁾	MRL166KC520
560 kWe	DI16 090M (04-34) ³⁾	MRL166KC560
600 kWe	DI16 090M (04-35) ³⁾	MRL166KC600
660 kWe	D2862LE322 ²⁾	MRL286KC660
760 kWe	D2862LE321 ²⁾	MRL286KC760
925 kWe	D3872LE331 ²⁾	MRL386KC810

¹⁾ Maximum power output for each generating set may vary depending on the alternator class

²⁾ MAN

³⁾ Scania

ⁱ⁾ Additional engine options and alternative kWe power ratings are available upon request


NEED DETAILED SPECIFICATIONS?

Quote the **LIAG Code** to receive the corresponding Genset Data Sheet.

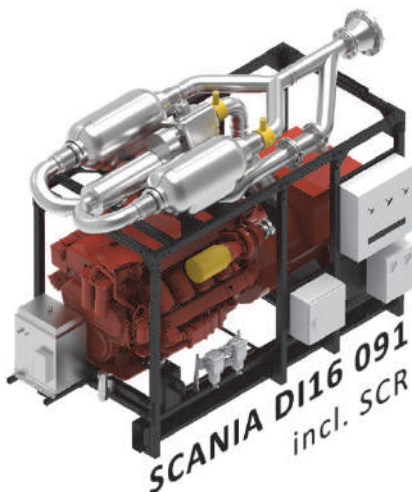
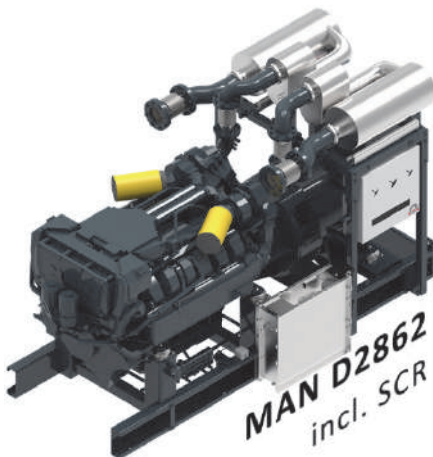
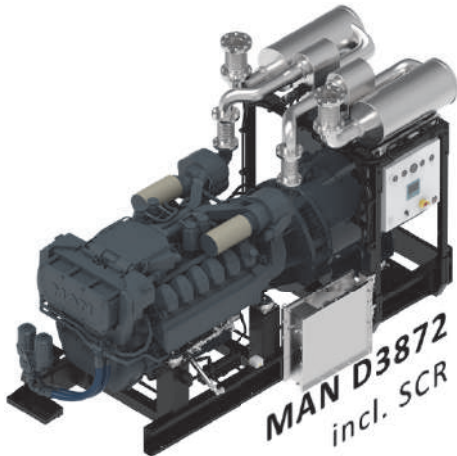
Send your request to:

+49 2204 481030
marine@liag.de



MARINE POWER SYSTEM **IMO TIER III**

MAIN / AUXILIARY GENSETS



STANDARD SCOPE

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Main- and Auxiliary Sets with Keel Cooling (KC) and Water Pump
- ✓ Alternator IP23; 2 bearing type; Isolation Class H/H; Temperature Rise H; Droop Kit; Space Heater; Winding Temperature Sensor 3x PTC
- ✓ Electrical Starter
- ✓ SCR System incl. daily urea tank
- ✓ Exhaust connection Parts loose supply
- ✓ Marine Engine Controller 24 (MEC24)

OPTIONS

- Classification: ABS; BV; DNV; LR; RINA; RMRS
- E(I)APP Certificate
- Seawater Heat Exchanger (HE)
- Seawater Pump
- LT / HT Expansion Tank with Level Sensor
- Cooling Water Pre-Heater 220-690V
- Pre Lubrication Pump 220-690V
- Air Starter 30 bar
- Starting Battery Set; Battery Charger; Battery Switch
- Exhaust Gas Silencer with or without Spark Arrester

Heat Exchanger, 50 Hz, Auxiliary

IMO TIER III
incl. SCR System

Set power max. ¹⁾	Motor Type	LIAG Code
250 kWe	DI13 091M / 04-73A ³⁾	MGL135HE250
265 kWe	DI13 091M / 04-73B ³⁾	MGL135HE265
270 kWe	D2676LE328 ²⁾	MGL265HE270
300 kWe	DI13 091M / 04-73C ³⁾	MGL135HE300
340 kWe	D2676LE327 ²⁾	MGL265HE340
350 kWe	DI13 091M 04-73D ³⁾	MGL135HE350
400 kWe	DI13 091M 04-73E ³⁾	MGL135HE400
420 kWe	DI16 091M / 04-73B ³⁾	MGL165HE420
450 kWe	DI16 091M / 04-73C ³⁾	MGL165HE450
565 kWe	D2862LE328 ²⁾	MGL285HE565
660 kWe	D2862LE327 ²⁾	MGL285HE660
810 kWe	D3872LE324 ²⁾	MGL385HE810

Keel Cooling, 50 Hz, Auxiliary

IMO TIER III
incl. SCR System

Set power max. ¹⁾	Motor Type	LIAG Code
250 kWe	DI13 091M / 04-74A ³⁾	MGL135KC250
265 kWe	DI13 091M / 04-74B ³⁾	MGL135KC265
270 kWe	D2676LE328 ²⁾	MGL265KC270
300 kWe	DI13 091M / 04-74C ³⁾	MGL135KC300
340 kWe	D2676LE327 ²⁾	MGL265KC340
350 kWe	DI13 091M / 04-74D ³⁾	MGL135KC350
400 kWe	DI13 091M / 04-74E ³⁾	MGL135KC400
420 kWe	DI16 091M / 04-74B ³⁾	MGL165KC420
450 kWe	DI16 091M / 04-74C ³⁾	MGL165KC450
565 kWe	D2862LE328 ²⁾	MGL285KC565
660 kWe	D2862LE327 ²⁾	MGL285KC660
810 kWe	D3872LE324 ²⁾	MGL385KC810

Heat Exchanger, 60 Hz, Auxiliary

IMO TIER III
incl. SCR System

Set power max. ¹⁾	Motor Type	LIAG Code
265 kWe	DI13 091M / 04-73A ³⁾	MGL136HE265
270 kWe	D2676LE328 ²⁾	MGL266HE270
300 kWe	DI13 091M / 04-73B ³⁾	MGL136HE300
350 kWe	DI13 091M / 04-73C ³⁾	MGL136HE350
380 kWe	D2676LE327 ²⁾	MGL266HE380
400 kWe	DI13 091M / 04-73D ³⁾	MGL136HE400
480 kWe	DI16 091M / 04-73B ³⁾	MGL166HE480
520 kWe	DI16 091M / 04-73C ³⁾	MGL166HE520
660 kWe	D2862LE328 ²⁾	MGL286HE660
760 kWe	D2862LE327 ²⁾	MGL286HE760
925 kWe	D3872LE334 ²⁾	MGL386HE925

Keel Cooling, 60 Hz, Auxiliary

IMO TIER III
incl. SCR System

Set power max. ¹⁾	Motor Type	LIAG Code
265 kWe	DI13 091M / 04-73A ³⁾	MGL136KC265
270 kWe	D2676LE328 ²⁾	MGL266KC270
300 kWe	DI13 091M / 04-73B ³⁾	MGL136KC300
350 kWe	DI13 091M / 04-73C ³⁾	MGL136KC350
380 kWe	D2676LE327 ²⁾	MGL266KC380
400 kWe	DI13 091M / 04-73D ³⁾	MGL136KC400
480 kWe	DI16 091M / 04-73B ³⁾	MGL166KC480
520 kWe	DI16 091M / 04-73C ³⁾	MGL166KC520
660 kWe	D2862LE328 ²⁾	MGL286KC660
760 kWe	D2862LE327 ²⁾	MGL286KC760
925 kWe	D3872LE334 ²⁾	MGL386KC925

¹⁾ Maximum power output for each generating set may vary depending on the alternator class

²⁾ MAN

³⁾ Scania

ⁱ⁾ Additional engine options and alternative kWe power ratings are available upon request



NEED DETAILED SPECIFICATIONS?

Quote the **LIAG Code** to receive the corresponding Genset Data Sheet.

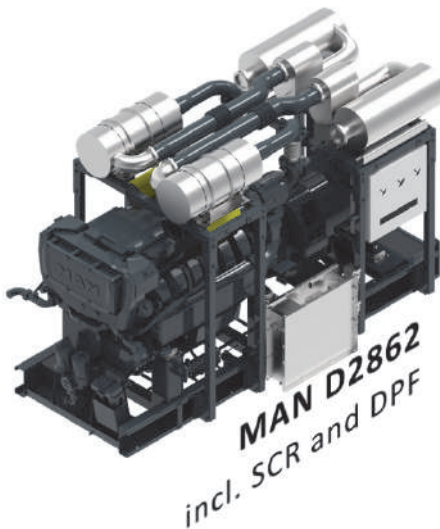
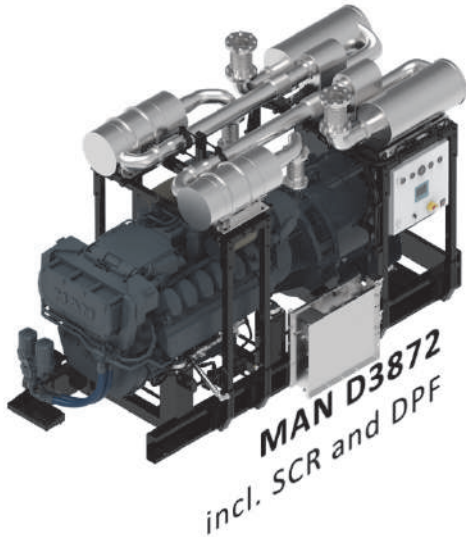
Send your request to:

+49 2204 481030
marine@liag.de



MARINE POWER SYSTEM **IMO TIER III** **/ EU STAGE V**

MAIN / AUXILIARY GENSETS



STANDARD SCOPE

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Main- and Auxiliary Sets with Keel Cooling (KC) and Water Pump
- ✓ Alternator IP23; 2 bearing type; Isolation Class H/H; Temperature Rise H; Droop Kit; Space Heater; Winding Temperature Sensor 3x PTC
- ✓ Electrical Starter
- ✓ SCR + DPF System incl. daily urea tank
- ✓ Exhaust connection Parts loose supply
- ✓ Marine Engine Controller 24 (MEC24)

OPTIONS

- Classification: ABS; BV; DNV; LR; RINA; RMRS
- E(I)APP Certificate
- Seawater Heat Exchanger (HE)
- Seawater Pump
- LT / HT Expansion Tank with Level Sensor, for Keel Cooling Engines
- Cooling Water Pre-Heater 220-690V
- Pre Lubrication Pump 220-690V
- Air Starter 30 bar
- Starting Battery Set; Battery Charger; Battery Switch
- Exhaust Gas Silencer with or without Spark Arrester

Heat Exchanger, 50 Hz, Auxiliary
**IMO TIER III
incl. SCR + DPF System**

Set power max. ¹⁾	Motor Type	LIAG Code
565 kWe	D2862LE32B ²⁾	MGx285HE565
660 kWe	D2862LE32A ²⁾	MGx285HE660
810 kWe	D3872LE327 ²⁾	MGx385HE810

Keel Cooling, 50 Hz, Auxiliary
**IMO TIER III
incl. SCR + DPF System**

Set power max. ¹⁾	Motor Type	LIAG Code
565 kWe	D2862LE32B ²⁾	MGx285KC565
660 kWe	D2862LE32A ²⁾	MGx285KC660
810 kWe	D3872LE327 ²⁾	MGx385KC810

Heat Exchanger, 60 Hz, Auxiliary
**IMO TIER III
incl. SCR + DPF System**

Set power max. ¹⁾	Motor Type	LIAG Code
660 kWe	D2862LE32E ²⁾	MGx286HE660
760 kWe	D2862LE32D ²⁾	MGx286HE760
925 kWe	D3872LE337 ²⁾	MGx386HE925

Keel Cooling, 60 Hz, Auxiliary
**IMO TIER III
incl. SCR + DPF System**

Set power max. ¹⁾	Motor Type	LIAG Code
660 kWe	D2862LE32E ²⁾	MGx286KC660
760 kWe	D2862LE32D ²⁾	MGx286KC760
925 kWe	D3872LE337 ²⁾	MGx386KC925

¹⁾ Maximum power output for each generating set may vary depending on the alternator class

²⁾ MAN

ⁱ⁾ Additional engine options and alternative kWe power ratings are available upon request


NEED DETAILED SPECIFICATIONS?

Quote the **LIAG Code** to receive the corresponding Genset Data Sheet.

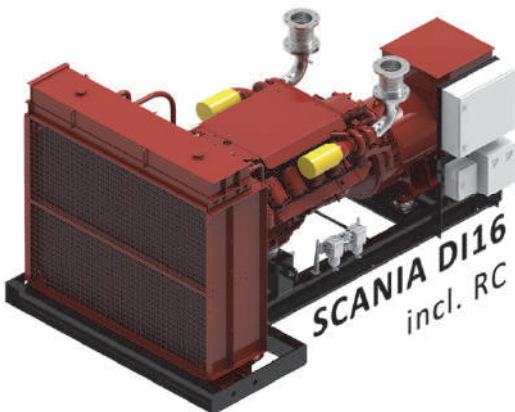
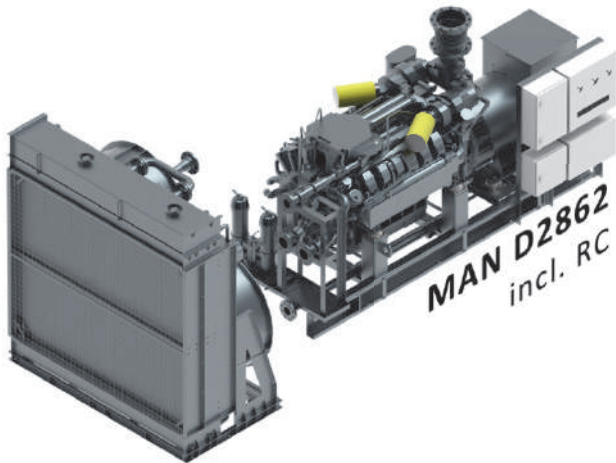
Send your request to:

+49 2204 481030
marine@liag.de



MARINE POWER SYSTEM **IMO TIER II**

EMERGENCY / EMERGENCY-HARBOUR GENSETS



STANDARD SCOPE

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Emergency and Emergency-Harbour Sets with Radiator Cooling (RC)
- ✓ Alternator IP23; 2 bearing type; Isolation Class H/H; Temperature Rise H; Droop Kit; Space Heater; Winding Temperature Sensor 3x PTC; Droop Kit (Harbour only)
- ✓ Cooling Water Pre-Heater 220-690V
- ✓ Electrical Starter
- ✓ Exhaust Connection Parts loose supply
- ✓ Marine Engine Controller 24 (MEC24)

OPTIONS

- Classification: ABS; BV; DNV; LR; RINA; RMRS
- E(I)APP Certificate
- Starting Battery Set incl. Battery Charger
- Second Battery Set incl. Battery Charger
- Single or Double Battery Switch
- Air Starter 30 bar
- Pre Lubrication Pump 220-690V
- Exhaust Gas Silencer with or without Spark Arrester
- Hydraulic Starter

Radiator Cooler, 50 Hz, Emergency
IMO TIER II

Set power max. ¹⁾	Motor Type	LIAG Code
280 kWe	DI13 075M / 04-24 ³⁾	MBL135RC280
310 kWe	D2676LE323 ²⁾	MBL265RC310
330 kWe	DI13 075M / 04-25 ³⁾	MBL135RC330
380 kWe	DI13 075M / 04-23 ³⁾	MBL135RC380
410 kWe	DI16 075M / 04-12 ³⁾	MBL165RC410
440 kWe	DI16 075M / 04-13 ³⁾	MBL165RC440
465 kWe	DI16 075M / 04-14 ³⁾	MBL165RC465
575 kWe	D2862LE323 ²⁾	MBL285RC575

Radiator Cooler, 50 Hz, Emy/Harb
IMO TIER II

Set power max. ¹⁾	Motor Type	LIAG Code
280 kWe	DI13 075M / 04-24 ³⁾	MBL135RC280H
310 kWe	D2676LE323 ²⁾	MBL265RC310H
330 kWe	DI13 075M / 04-25 ³⁾	MBL135RC330H
380 kWe	DI13 075M / 04-23 ³⁾	MBL135RC380H
410 kWe	DI16 075M / 04-12 ³⁾	MBL165RC410H
440 kWe	DI16 075M / 04-13 ³⁾	MBL165RC440H
465 kWe	DI16 075M / 04-14 ³⁾	MBL165RC465H
575 kWe	D2862LE323 ²⁾	MBL285RC575H

Radiator Cooler, 60 Hz, Emergency
IMO TIER II

Set power max. ¹⁾	Motor Type	LIAG Code
325 kWe	DI13 075M / 04-24 ³⁾	MBL136RC325
370 kWe	D2676LE323 ²⁾	MBL266RC370
375 kWe	DI13 075M / 04-25 ³⁾	MBL136RC375
420 kWe	DI16 075M / 04-11 ³⁾	MBL166RC420
460 kWe	DI16 075M / 04-12 ³⁾	MBL166RC460
500 kWe	DI16 075M / 04-13 ³⁾	MBL166RC500
540 kWe	DI16 074M / 04-14 ³⁾	MBL166RC540
690 kWe	D2862LE323 ²⁾	MBL286RC690

Radiator Cooler, 60 Hz, Emy/Harb
IMO TIER II

Set power max. ¹⁾	Motor Type	LIAG Code
325 kWe	DI13 075M / 04-24 ³⁾	MBL136RC325H
370 kWe	D2676LE323 ²⁾	MBL266RC370H
375 kWe	DI13 075M / 04-25 ³⁾	MBL136RC375H
420 kWe	DI16 075M / 04-11 ³⁾	MBL166RC420H
460 kWe	DI16 075M / 04-12 ³⁾	MBL166RC460H
500 kWe	DI16 075M / 04-13 ³⁾	MBL166RC500H
540 kWe	DI16 074M / 04-14 ³⁾	MBL166RC540H
690 kWe	D2862LE323 ²⁾	MBL286RC690H

¹⁾ Maximum power output for each generating set may vary depending on the alternator class

²⁾ MAN

³⁾ Scania

ⁱ⁾ Additional engine options and alternative kWe power ratings are available upon request


NEED DETAILED SPECIFICATIONS?

Quote the **LIAG Code** to receive the corresponding Genset Data Sheet.

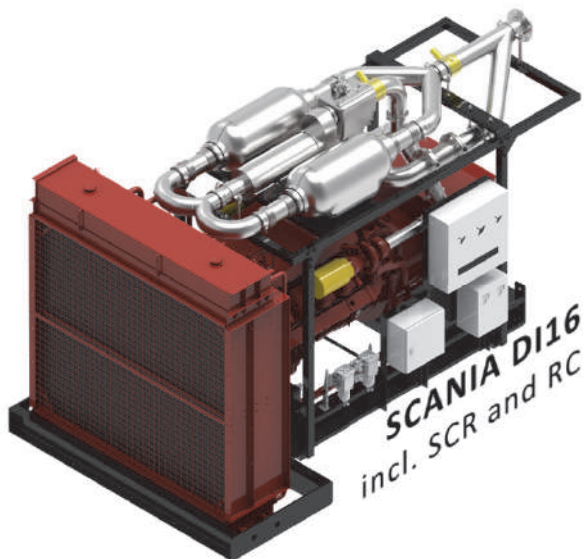
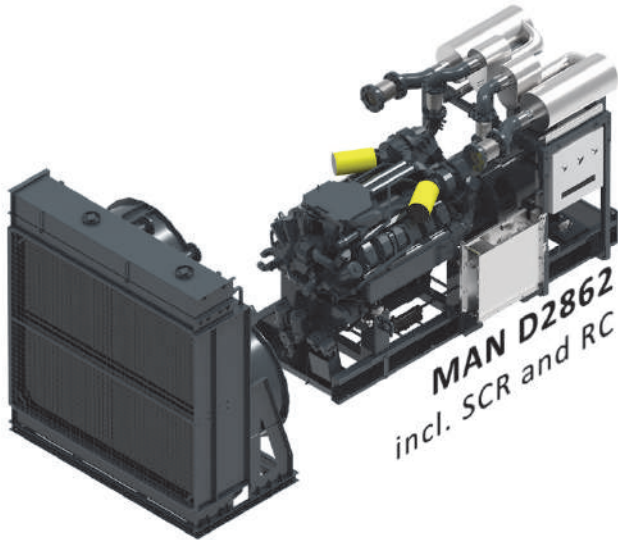
Send your request to:

+49 2204 481030
marine@liag.de



MARINE POWER SYSTEM **IMO TIER III**

EMERGENCY / EMERGENCY-HARBOUR GENSETS



STANDARD SCOPE

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Emergency and Emergency-Harbour Sets with Radiator Cooling (RC)
- ✓ Alternator IP23; 2 bearing type; Isolation Class H/H; Temperature Rise H; Space Heater; Winding Temperature Sensor 3x PTC; Droop Kit (Harbour only)
- ✓ Cooling Water Pre-Heater 220-690V
- ✓ Electrical Starter
- ✓ SCR System incl. daily urea tank
- ✓ Exhaust connection Parts loose supply
- ✓ Marine Engine Controller 24 (MEC24)

OPTIONS

- Classification: ABS; BV; DNV; LR; RINA; RMRS
- E(I)APP Certificate
- Starting Battery Set incl. Battery Charger
- Second Battery Set incl. Battery Charger
- Single or Double Battery Switch
- Air Starter 30 bar
- Pre Lubrication Pump 220-690V
- Exhaust Gas Silencer with or without Spark Arrester
- Hydraulic Starter

Radiator Cooler, 50 Hz, Emy/Harb
**IMO TIER III
incl. SCR System**

Set power max. ¹⁾	Motor Type	LIAG Code
230 kWe	DI13 091M / 04-73A ³⁾	MBGL135KC230
230 kWe	D2676LE32 ²⁾	MBGL265KC230
240 kWe	DI13 091M / 04-73B ³⁾	MBGL135KC240
275 kWe	DI13 091M / 04-73C ³⁾	MBGL135KC275
295 kWe	D2676LE327 ²⁾	MBGL265KC295
325 kWe	DI13 091M / 04-73D ³⁾	MBGL135KC325
375 kWe	DI13 091M / 04-73E ³⁾	MBGL135KC375
390 kWe	DI16 091M / 04-73B ³⁾	MBGL165KC390
420 kWe	DI16 091M / 04-73C ³⁾	MBGL165KC420
490 kWe	D2862LE328 ²⁾	MBGL285KC490
580 kWe	D2862LE327 ²⁾	MBGL285KC580

Radiator Cooler, 60 Hz, Emy/Harb
**IMO TIER III
incl. SCR System**

Set power max. ¹⁾	Motor Type	LIAG Code
230 kWe	D2676LE328 ²⁾	MBGL266KC230
240 kWe	DI13 091M / 04-73A ³⁾	MBGL136KC240
270 kWe	DI13 091M / 04-73B ³⁾	MBGL136KC270
320 kWe	DI13 091M / 04-73C ³⁾	MBGL136KC320
340 kWe	D2676LE327 ²⁾	MBGL266KC340
370 kWe	DI13 091M / 04-73D ³⁾	MBGL136KC370
395 kWe	DI16 091M / 04-73A ³⁾	MBGL166KC395
435 kWe	DI16 091M / 04-73B ³⁾	MBGL166KC435
475 kWe	DI16 091M / 04-73C ³⁾	MBGL166KC475
600 kWe	D2862LE328 ²⁾	MBGL286KC600
690 kWe	D2862LE327 ²⁾	MBGL286KC690

¹⁾ Maximum power output for each generating set may vary depending on the alternator class

²⁾ MAN

³⁾ Scania

ⁱ⁾ Additional engine options and alternative kWe power ratings are available upon request


NEED DETAILED SPECIFICATIONS?

Quote the **LIAG Code** to receive the corresponding Genset Data Sheet.

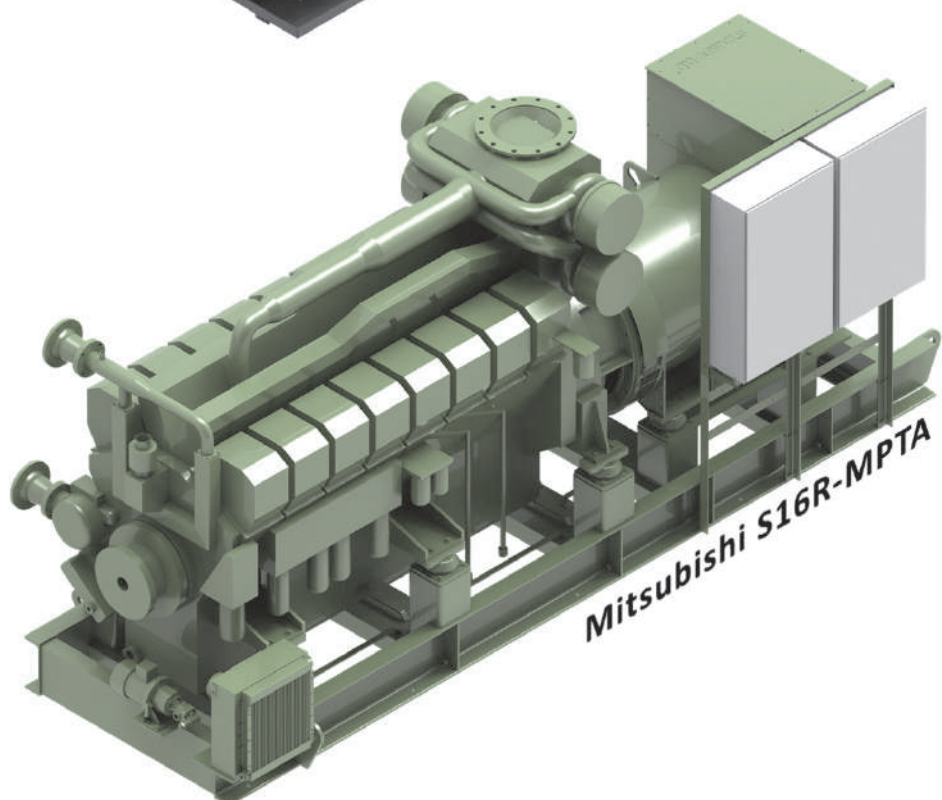
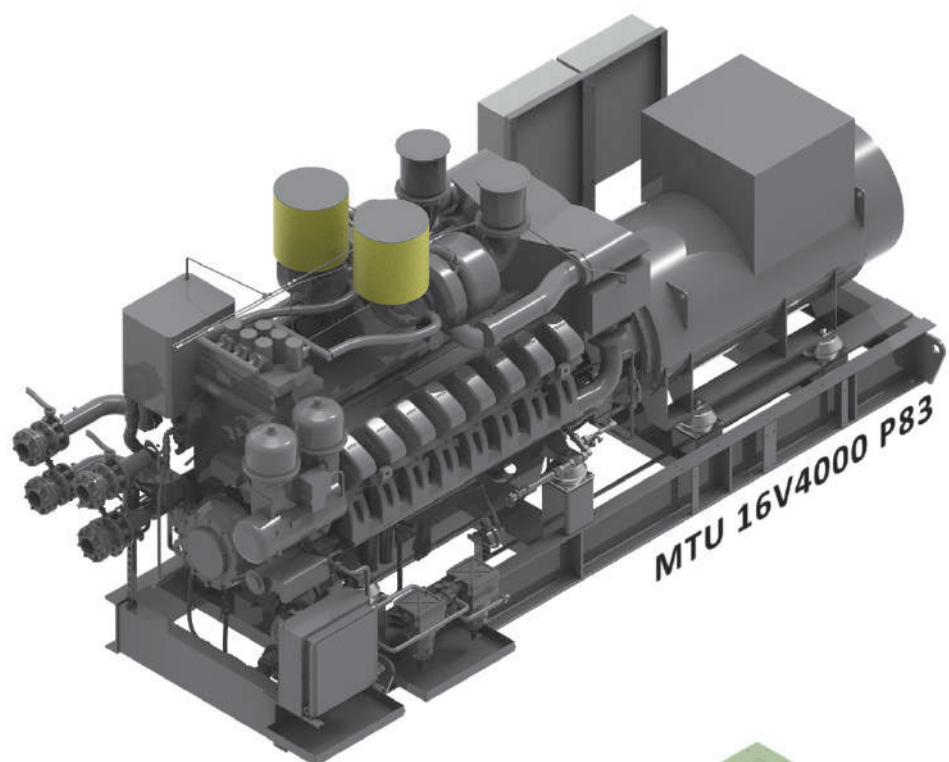
Send your request to:

+49 2204 481030
marine@liag.de



MARINE POWER SYSTEM **EXTENDED** **POWER RANGE**

MAIN / AUXILIARY GENSETS &
EMERGENCY / EMERGENCY-HARBOUR GENSETS



STANDARD SCOPE

ALL GENSETS

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Electrical Starter
- ✓ Exhaust connection Parts loose supply
- ✓ Marine Engine Controller 24 (MEC24)

OPTIONS

ALL GENSETS

- Classification: ABS; BV; DNV; LR; RINA; RMRS
- Cooling Water Pre-Heater 220-690V
- Pre Lubrication Pump 220-690V
- Air Starter 30 bar
- Fuel Cooler
- Exhaust Gas Silencer with or without Spark Arrester
- E(I)APP Certificate

STANDARD SCOPE

MAIN / AUXILIARY GENSETS

- ✓ Alternator IP23; 2 bearing type; Isolation Class H/H; Temperature Rise H; Droop Kit; Space Heater: Winding Temp. 3x PTC
- ✓ Main- and Auxiliary Sets with Keel Cooling (KC) and Water Pump
- ✓ SCR System incl. daily urea tank (IMO III only)

OPTIONS

MAIN / AUXILIARY GENSETS

- Starting Battery Set, Battery Charger, Battery Switch
- Seawater Heat Exchanger (HE)
- Seawater Pump
- LT / HT Expansion Tank with Level Sensor

STANDARD SCOPE

EMERGENCY / EMERGENCY-HARBOUR GENSETS

- ✓ Alternator IP23; Isolation class H/H; Temperature Rise H; Space heater; Droop Kit (Harbour only)
- ✓ Emergency/Harbour Sets with Radiator Cooling (RC)
- ✓ Cooling Water Pre-Heater 220 - 690V
- ✓ SCR System incl. daily urea tank (IMO III Harbour only)

OPTIONS

EMERGENCY / EMERGENCY-HARBOUR GENSETS

- Starting Battery Set incl. Battery Charger
- Second Battery Set incl. Battery Charger
- Single or Double Battery Switch
- Hydraulic Starter



Lindenberg-Anlagen GmbH
Hoffnungsthaler Straße 41
51491 Overath
Germany

 +49 2204 481030

 marine@liag.de

 www.liag.de

