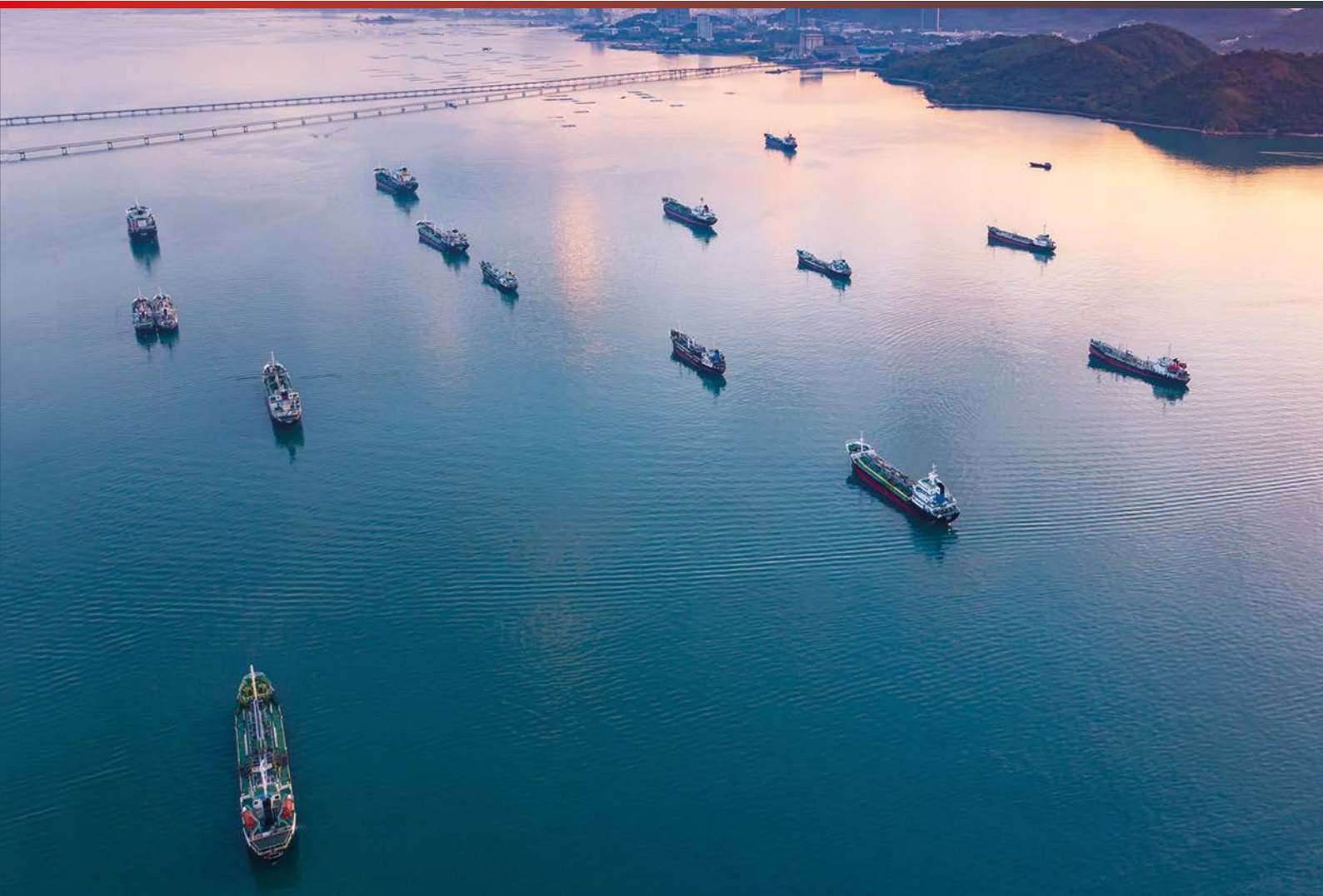


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MARINE POWER SYSTEMS

MARINE ECO-LINE



POWER
MADE IN GERMANY

MORE POWER FOR TOP PERFORMANCE

ELECTRIC GENERATORS AND DIESEL-ELECTRIC DRIVES FOR SHIPS

Lindenberg-Anlagen GmbH offers a wide range of technical, customised solutions for ship construction in the areas of auxiliary, harbour and emergency generating sets, drive systems, hybrid and ESS solutions, containerised e-housings and diesel-electric drive systems.

Our solutions are used globally on cruise ships, off-shore supply vessels, work boats of all kinds, container ships right through to supertankers and fishing vessels. Many tall ships and yachts also rely on our diesel generators for their power supply.

It goes without saying that all Lindenberg-Anlagen GmbH diesel generators meet the requirements of international classification companies, such as DNV, LR, BV, ABS, RINA, and others.

Our Experts has the necessary expertise and experience in design and manufacturing to implement even complex projects to the complete satisfaction of its customers.

YOUR ADVANTAGES

- ✓ Standardized solutions
- ✓ Global spare parts and service network
- ✓ Customised solutions
- ✓ More than 70 years of experience
- ✓ Reliable engine partners
- ✓ Reconditioning service
- ✓ In stock (selected models)

FAST DELIVERY – BEST PRICE

Our special benefit for our Customers worldwide:
24h Hotline and spare parts delivery in 24h



+49 2204 481030



SOLUTIONS FOR SHIP BUILDING



Diesel-Electric Drive Systems



Auxiliary Diesel Generating Sets



Emergency Generating Sets



Emergency Harbour Generating Sets



Generating Sets in Containers / Enclosures



SCR Systems



Marine Engine Controller 24



Refit Programmes

WORLDWIDE SALES AND SERVICE



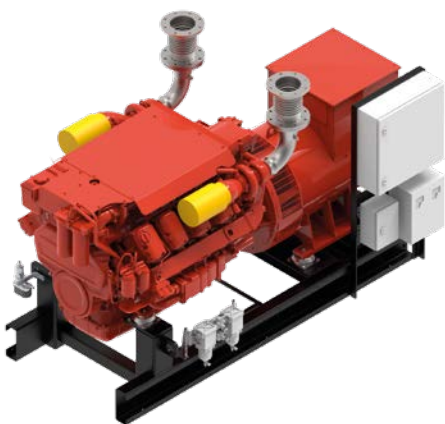
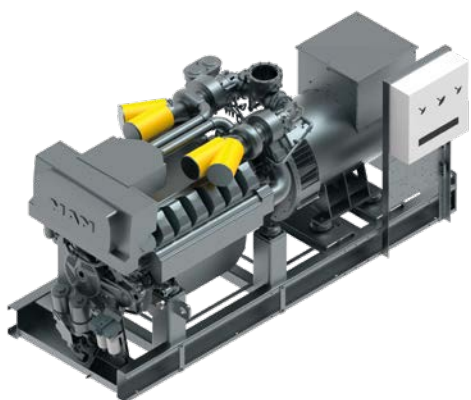
POWER LINES

RED LINE

Main- / Auxiliary Gensets

IMO TIER II

PAGE 6

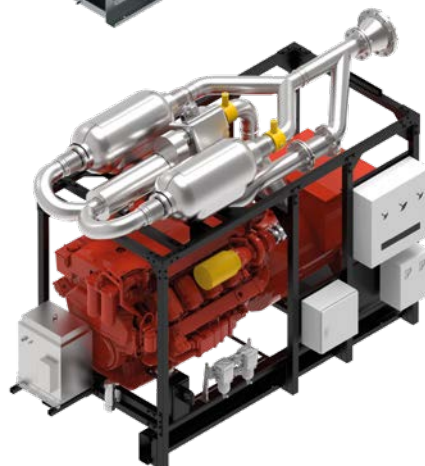
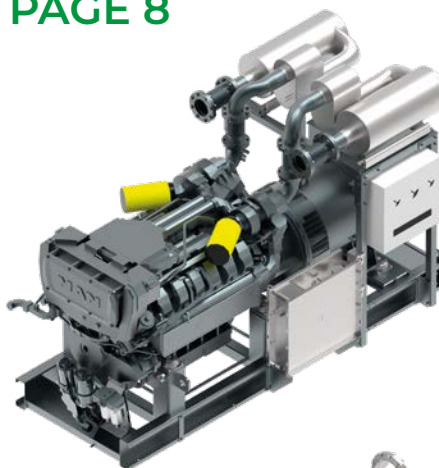


GREEN LINE

Main- / Auxiliary Gensets

IMO TIER III + SCR-System

PAGE 8



IMO TIER III + SCR + DPF System

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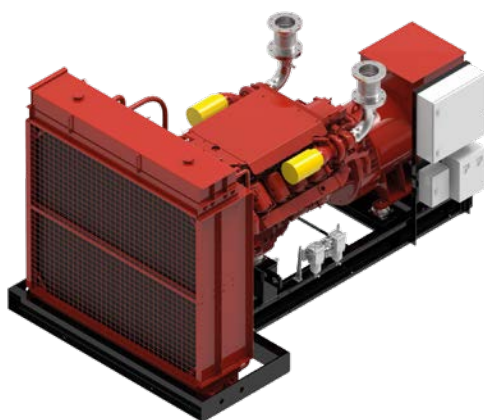
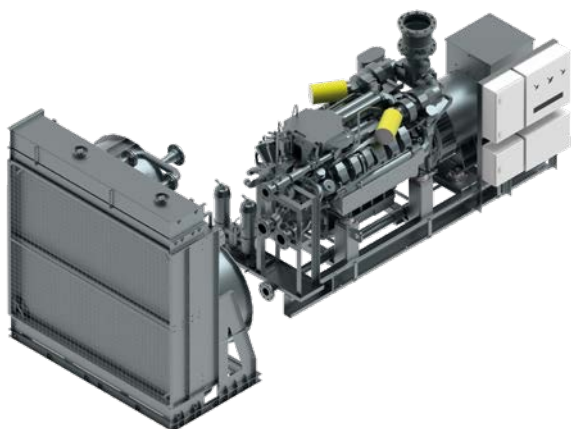


BLUE LINE

Emergency- / Harbour Gensets

Radiator cooled IMO TIER II

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Radiator cooled IMO TIER III + SCR-System

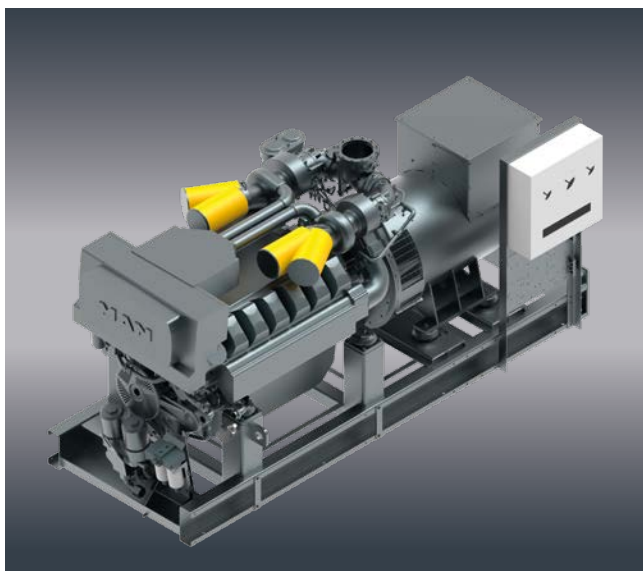
PAGE 14



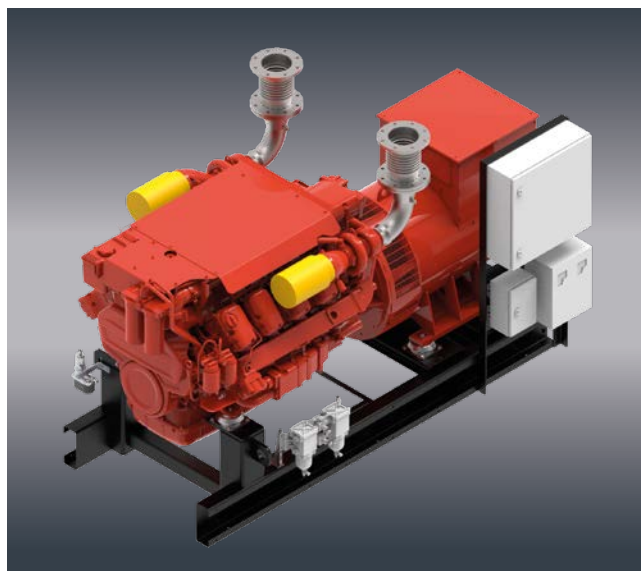
MARINE POWER SYSTEM

RED LINE

MAIN- / AUXILIARY GENSETS



MAN D2862



SCANIA DI16 090

STANDARD SCOPE

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Main- and Auxiliary Sets with Heat Exchanger (HE) or Keel Cooling (KC) and Sea Water Pump
- ✓ Alternator IP23
2 bearing type
Isolation Class / Temperature Rise H/H
Droop Kit
Space Heater: Winding Temp. 3x PTC
- ✓ Electrical Starter
- ✓ Exhaust Parts loose supply

OPTIONS

- ✓ Classification: ABS; BV; DNV; LR; RINA; RMRS
- ✓ E(I)APP Certificate
- ✓ LT / HT Expansion Tank with Level Sensor, for Keel Cooling Engines
- ✓ Cooling Water Pre-Heater 230V
- ✓ Air Starter
- ✓ Starting Battery Set incl. Battery Charger
- ✓ Exhaust Gas Silencer with Spark Arrester

Heat Exchanger, 50 Hz, Auxiliary

IMO TIER II

Set power max. ¹⁾	Alternator	LIAG Code
175 kWe	LSAM 46.3 S5	MRL265HE175
185 kWe	LSAM 46.3 S5	MRL095HE185
200 kWe	LSAM 46.3 M7	MRL095HE200
250 kWe	LSAM 46.3 L11	MRL095HE250
255 kWe	LSAM 46.3 L11	MRL265HE255
265 kWe	LSAM 47.2 VS2	MRL135HE265
300 kWe	LSAM 47.2 S4	MRL135HE300
350 kWe	LSAM 47.2 M7	MRL135HE350
350 kWe	LSAM 47.2 M7	MRL265HE350
400 kWe	LSAM 47.2 M7	MRL135HE400
400 kWe	LSAM 47.2 L9	MRL165HE400
420 kWe	LSAM 47.2 L9	MRL165HE420
450 kWe	LSAM 49.3 S4	MRL165HE450
480 kWe	LSAM 49.3 S4	MRL165HE480
500 kWe	LSAM 49.3 S4	MRL165HE500
565 kWe	LSAM 49.3 M6	MRL285HE565
660 kWe	LSAM 49.3 L9	MRL285HE660

Keel Cooling, 50 Hz, Auxiliary

IMO TIER II

Set power max. ¹⁾	Alternator	LIAG Code
175 kWe	LSAM 46.3 S5	MRL265KC175
185 kWe	LSAM 46.3 S5	MRL095KC185
200 kWe	LSAM 46.3 M7	MRL095KC200
250 kWe	LSAM 46.3 L11	MRL095KC250
255 kWe	LSAM 46.3 L11	MRL265KC255
265 kWe	LSAM 47.2 VS2	MRL135KC265
300 kWe	LSAM 47.2 S4	MRL135KC300
350 kWe	LSAM 47.2 M7	MRL135KC350
350 kWe	LSAM 47.2 M7	MRL265KC350
400 kWe	LSAM 47.2 L9	MRL135KC400
420 kWe	LSAM 47.2 L9	MRL165KC420
450 kWe	LSAM 49.3 S4	MRL165KC450
420 kWe	LSAM 49.3 S4	MRL165KC420
500 kWe	LSAM 49.3 S4	MRL165KC500
565 kWe	LSAM 49.3 M6	MRL285KC565
660 kWe	LSAM 49.3 L9	MRL285KC660

Heat Exchanger, 60 Hz, Auxiliary

IMO TIER II

Set power max. ¹⁾	Alternator	LIAG Code
185 kWe	LSAM 46.3 S4	MRL096HE185
200 kWe	LSAM 46.3 S4	MRL096HE200
200 kWe	LSAM 46.3 S5	MRL266HE200
250 kWe	LSAM 46.3 L10	MRL096HE250
300 kWe	LSAM 46.3 L11	MRL096HE300
300 kWe	LSAM 46.3 L11	MRL266HE300
350 kWe	LSAM 47.2 VS2	MRL136HE350
400 kWe	LSAM 47.2 S5	MRL136HE400
420 kWe	LSAM 47.2 M7	MRL266HE420
440 kWe	LSAM 47.2 M7	MRL166HE440
480 kWe	LSAM 47.2 M7	MRL166HE480
500 kWe	LSAM 47.2 M7	MRL166HE500
560 kWe	LSAM 49.3 S4	MRL166HE560
600 kWe	LSAM 49.3 S4	MRL166HE600
660 kWe	LSAM 49.3 M6	MRL286HE660
760 kWe	LSAM 49.3 L9	MRL286HE760

Keel Cooling, 60 Hz, Auxiliary

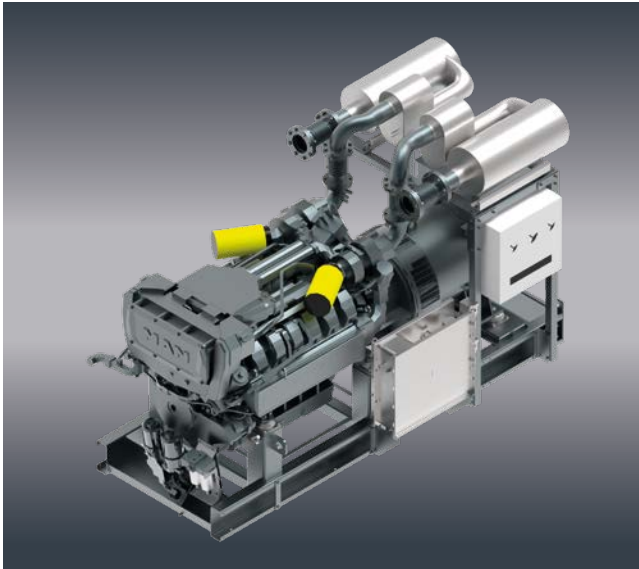
IMO TIER II

Set power max. ¹⁾	Alternator	LIAG Code
185 kWe	LSAM 46.3 S4	MRL096KC185
200 kWe	LSAM 46.3 S4	MRL096KC200
200 kWe	LSAM 46.3 S5	MRL266KC200
250 kWe	LSAM 46.3 L10	MRL096KC250
300 kWe	LSAM 46.3 L11	MRL096KC300
300 kWe	LSAM 46.3 L11	MRL266KC300
350 kWe	LSAM 47.2 VS2	MRL136KC350
400 kWe	LSAM 47.2 S5	MRL136KC400
420 kWe	LSAM 47.2 M7	MRL266KC420
440 kWe	LSAM 47.2 M7	MRL166KC440
480 kWe	LSAM 47.2 M7	MRL166KC480
500 kWe	LSAM 47.2 M7	MRL166KC500
560 kWe	LSAM 49.3 S4	MRL166KC560
600 kWe	LSAM 49.3 S4	MRL166KC600
660 kWe	LSAM 49.3 M6	MRL286KC660
760 kWe	LSAM 49.3 L9	MRL286KC760

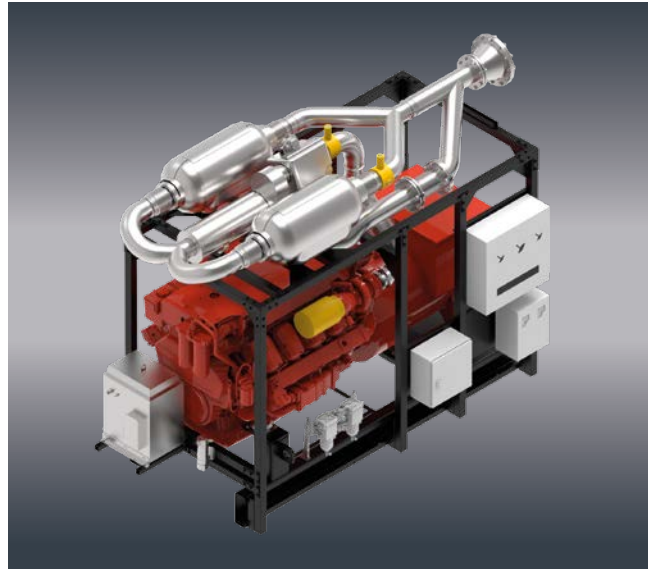
¹⁾ The max. power range per set can be varied, due to class specifications of the alternator

MARINE POWER SYSTEM GREEN LINE

MAIN- / AUXILIARY GENSETS



MAN D2862 incl. SCR



SCANIA DI16 091 incl. SCR

STANDARD SCOPE

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Main- and Auxiliary Sets with Heat Exchanger (HE) or Keel Cooling (KC) and Sea Water Pump
- ✓ Alternator IP23;
2 bearing type;
Isolation Class / Temperature Rise H/H
Droop Kit;
Space Heater: Winding Temp. 3x PTC
- ✓ Electrical Starter
- ✓ SCR System incl. daily urea tank
- ✓ Exhaust Parts loose supply
- ✓ E(I)APP Certificate

OPTIONS

- ✓ Classification: ABS; BV; DNV; LR; RINA; RMRS
- ✓ LT / HT Expansion Tank with Level Sensor, for Keel Cooling Engines
- ✓ Cooling Water Pre-Heater 230V
- ✓ Air Starter
- ✓ Starting Battery Set incl. Battery Charger
- ✓ Exhaust Gas Silencer with Spark Arrester

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

Set power max. ¹⁾	Alternator	LIAG Code
250 kWe	LSAM 46.3 L11	MGL135HE250
265 kWe	LSAM 47.2 VS2	MGL135HE265
275 kWe	LSAM 47.2 VS2	MGL265HE275
300 kWe	LSAM 47.2 S4	MGL135HE300
338 kWe	LSAM 47.2 M7	MGL265HE338
350 kWe	LSAM 47.2 M7	MRL135HE350
400 kWe	LSAM 47.2 M7	MGL135HE400
420 kWe	LSAM 47.2 L9	MGL165HE420
450 kWe	LSAM 49.3 S4	MGL165HE450
565 kWe	LSAM 49.3 M6	MGL285HE565
660 kWe	LSAM 49.3 L9	MGL285HE660

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

Set povwer max. ¹⁾	Alternator	LIAG Code
250 kWe	LSAM 46.3 L11	MGL135KC250
265 kWe	LSAM 47.2 VS2	MGL135KC265
275 kWe	LSAM 47.2 VS2	MGL265KC275
300 kWe	LSAM 47.2 S4	MGL135KC300
338 kWe	LSAM 47.2 M7	MGL265KC338
350 kWe	LSAM 47.2 M7	MGL135KC350
400 kWe	LSAM 47.2 M7	MGL135KC400
420 kWe	LSAM 47.2 L9	MGL165KC420
450 kWe	LSAM 49.3 S4	MGL165KC450
565 kWe	LSAM 49.3 M6	MGL285KC565
660 kWe	LSAM 49.3 L9	MGL285KC660

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

Set power max. ¹⁾	Alternator	LIAG Code
265 kWe	LSAM 46.3 L10	MGL136HE265
275 kWe	LSAM 46.3 L10	MGL266HE275
300 kWe	LSAM 46.3 L11	MGL136HE300
340 kWe	LSAM 47.2 VS2	MGL136HE340
380 kWe	LSAM 47.2 S4	MGL266HE380
400 kWe	LSAM 47.2 S5	MGL136HE400
440 kWe	LSAM 47.2 M7	MGL166HE440
480 kWe	LSAM 47.2 M7	MGL166HE480
520 kWe	LSAM 49.3 S4	MGL166HE520
660 kWe	LSAM 49.3 M6	MGL286HE660
760 kWe	LSAM 49.3 L9	MGL286HE760

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

Set power max. ¹⁾	Alternator	LIAG Code
265 kWe	LSAM 46.3 L10	MGL136KC265
275 kWe	LSAM 46.3 L10	MGL266KC275
300 kWe	LSAM 46.3 L11	MGL136KC300
340 kWe	LSAM 47.2 VS2	MGL136KC340
380 kWe	LSAM 47.2 S4	MGL266KC380
400 kWe	LSAM 47.2 S5	MGL136KC400
440 kWe	LSAM 47.2 M7	MGL166KC440
480 kWe	LSAM 47.2 M7	MGL166KC480
520 kWe	LSAM 49.3 S4	MGL166KC520
660 kWe	LSAM 49.3 M6	MGL286KC660
760 kWe	LSAM 49.3 L9	MGL286KC760

¹⁾ The max. power range per set can be varied, due to class specifications of the alternator

MARINE POWER SYSTEM GREEN LINE

MAIN- / AUXILIARY GENSETS



MAN D2862 incl. SCR and DPF

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

Set power max. ¹⁾	Alternator	LIAG Code
565 kWe	LSAM 49.3 M6	MGx285HE565
565 kWe	LSAM 49.3 M6	MGx285KC565
660 kWe	LSAM 49.3 L9	MGx285HE660
660 kWe	LSAM 49.3 L9	MGx285KC660

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

Set power max. ¹⁾	Alternator	LIAG Code
660 kWe	LSAM 49.3 M6	MGx286KC660
660 kWe	LSAM 49.3 M6	MGx286HE660
760 kWe	LSAM 49.3 L9	MGx286KC760
760 kWe	LSAM 49.3 L9	MGx286HE760

¹⁾ The max. power range per set can be varied, due to class specifications of the alternator

STANDARD SCOPE

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Main- and Auxiliary Sets with Heat Exchanger (HE) or Keel Cooling (KC) and Sea Water Pump
- ✓ Alternator IP23;
2 bearing type;
Isolation Class / Temperature Rise H/H
Droop Kit;
Space Heater: Winding Temp. 3x PTC
- ✓ Electrical Starter
- ✓ SCR + DPF System incl. daily urea tank
- ✓ Exhaust Parts loose supply
- ✓ E(I)APP Certificate

OPTIONS

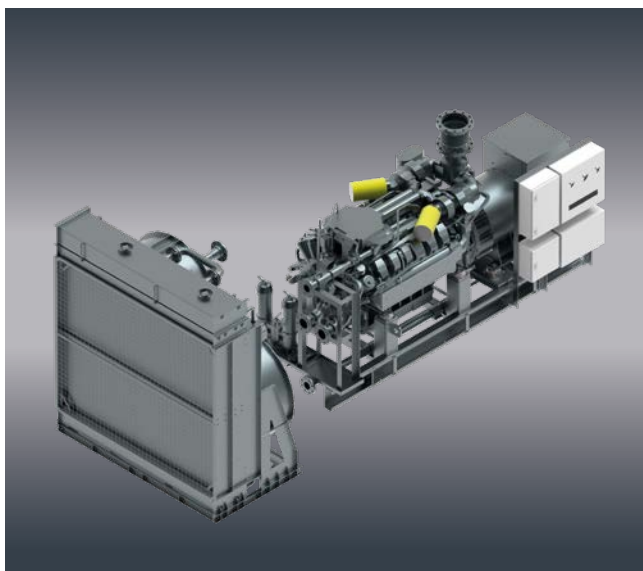
- ✓ Classification: ABS; BV; DNV; LR; RINA; RMRS
- ✓ LT / HT Expansion Tank with Level Sensor, for Keel Cooling Engines
- ✓ Cooling Water Pre-Heater 230V
- ✓ Air Starter
- ✓ Starting Battery Set incl. Battery Charger
- ✓ Exhaust Gas Silencer with Spark Arrester



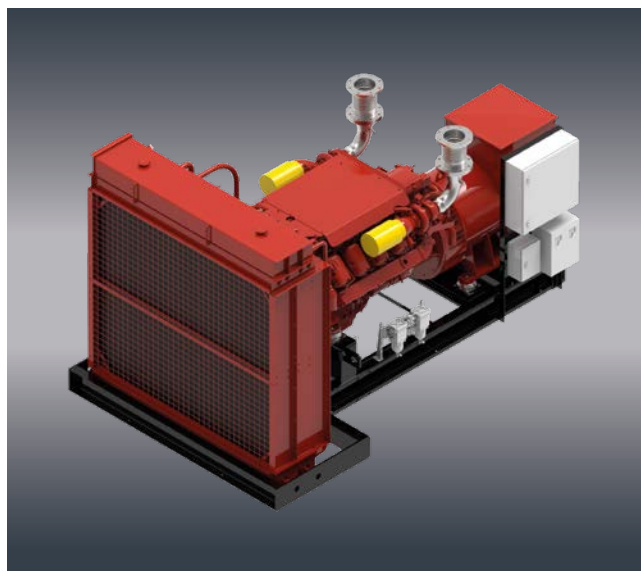
POWER
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MARINE POWER SYSTEM BLUE LINE

EMERGENCY-/HARBOUR GENSETS



MAN D2862 incl. RC



SCANIA DI16 incl. RC

STANDARD SCOPE

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Emergency and Emergency/Harbour Sets with Radiator Cooling (RC)
- ✓ Alternator as IP23;
2 bearing type;
Isolation / Temperature Rise H/H
Space heater; (Emy/Harb. incl. Droop Kit)
- ✓ Cooling Water Pre-Heater 230V
- ✓ Electrical Starter
- ✓ Exhaust Parts loose supply

OPTIONS

- ✓ Classification: ABS; BV; DNV; LR; RINA; RMRS
- ✓ E(I)APP Certificate
- ✓ Starting Battery Set incl. Battery Charger
- ✓ Starting Battery Set incl. Battery Charger and Second Battery Set
- ✓ Exhaust Gas Silencer with Spark Arrester

Radiator Cooler, 50 Hz, Emergency IMO TIER II

Set power max. ¹⁾	Alternator	LIAG Code
175 kWe	LSAM 46.3 S5	MBL095RC175
190 kWe	LSAM 46.3 M7	MBL095RC190
240 kWe	LSAM 46.3 L11	MBL095RC240
285 kWe	LSAM 47.2 S4	MBL135RC285
310 kWe	LSAM 47.2 S5	MBL265RC310
335 kWe	LSAM 47.2 S4	MBL135RC335
385 kWe	LSAM 47.2 L9	MBL135RC385
400 kWe	LSAM 47.2 L9	MBL165RC400
420 kWe	LSAM 47.2 L9	MBL165RC420
450 kWe	LSAM 49.3 S4	MBL165RC450
480 kWe	LSAM 49.3 S4	MBL165RC480
500 kWe	LSAM 49.3 S4	MBL165RC500
575 kWe	LSAM 49.3 M8	MBL285RC575

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

Set power max. ¹⁾	Alternator	LIAG Code
175 kWe	LSAM 46.3 S5	MBL095RC175H
190 kWe	LSAM 46.3 M7	MBL095RC190H
240 kWe	LSAM 46.3 L11	MBL095RC240H
285 kWe	LSAM 47.2 S4	MBL135RC285H
310 kWe	LSAM 47.2 S5	MBL135RC310H
335 kWe	LSAM 47.2 S4	MBL135RC335H
385 kWe	LSAM 47.2 L9	MBL135RC385H
400 kWe	LSAM 47.2 L9	MBL165RC400H
420 kWe	LSAM 47.2 L9	MBL165RC420H
450 kWe	LSAM 49.3 S4	MBL165RC450H
480 kWe	LSAM 49.3 S4	MBL165RC480H
500 kWe	LSAM 49.3 S4	MBL165RC500H
575 kWe	LSAM 49.3 M8	MBL285RC575H

Radiator Cooler, 60 Hz, Emergency IMO TIER II

Set power max. ¹⁾	Alternator	LIAG Code
169 kWe	LSAM 46.3 S3	MBL096RC169
185 kWe	LSAM 46.3 S4	MBL096RC185
240 kWe	LSAM 46.3 S4	MBL096RC240
289 kWe	LSAM 46.3 L10	MBL096RC289
325 kWe	LSAM 47.2 VS2	MBL136RC325
370 kWe	LSAM 47.2 M7	MBL266RC370
375 kWe	LSAM 47.2 S4	MBL136RC375
440 kWe	LSAM 47.2 M7	MBL166RC440
480 kWe	LSAM 47.2 M7	MBL166RC480
500 kWe	LSAM 47.2 M7	MBL166RC500
560 kWe	LSAM 49.3 S4	MBL166RC560
600 kWe	LSAM 49.3 S4	MBL166RC600
690 kWe	LSAM 49.3 M8	MBL286RC690

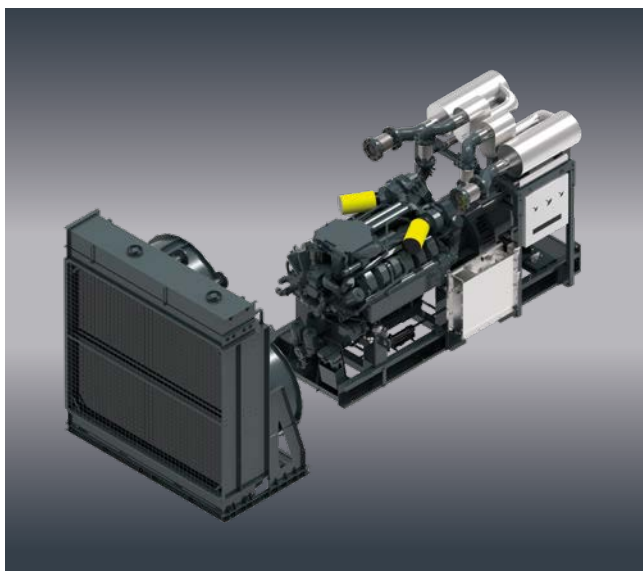
Radiator Cooler, 60 Hz, Emy/Harb IMO TIER II

Set power max. ¹⁾	Alternator	LIAG Code
169 kWe	LSAM 46.3 S3	MBL096RC169H
185 kWe	LSAM 46.3 S4	MBL096RC185H
240 kWe	LSAM 46.3 S4	MBL096RC240H
289 kWe	LSAM 46.3 L10	MBL096RC289H
325 kWe	LSAM 47.2 VS2	MBL136RC325H
370 kWe	LSAM 47.2 M7	MBL266RC370H
375 kWe	LSAM 47.2 S4	MBL136RC375H
440 kWe	LSAM 47.2 M7	MBL166RC440H
480 kWe	LSAM 47.2 M7	MBL166RC480H
500 kWe	LSAM 47.2 M7	MBL166RC500H
560 kWe	LSAM 49.3 S4	MBL166RC560H
600 kWe	LSAM 49.3 S4	MBL166RC600H
690 kWe	LSAM 49.3 M8	MBL286RC690H

¹⁾ The max. power range per set can be varied, due to class specifications of the alternator

MARINE POWER SYSTEM BLUE LINE

EMERGENCY-/HARBOUR GENSETS



MAN D2862 incl. SCR and RC



SCANIA DI16 incl. SCR and RC

STANDARD SCOPE

- ✓ Engine and Alternator mounted on Common Base Frame
- ✓ Flexible Coupling
- ✓ Emergency/Harbour Sets with Radiator Cooling (RC)
- ✓ Alternator as IP23;
Isolation / Temperature Rise H/H
Space heater;
Droop Kit
- ✓ Cooling Water Pre-Heater 230V
- ✓ Electrical Starter
- ✓ SCR System incl. daily urea tank
- ✓ Exhaust Parts loose supply

OPTIONS

- ✓ Classification: ABS; BV; DNV; LR; RINA; RMRS
- ✓ E(I)APP Certificate
- ✓ Starting Battery Set incl. Battery Charger
- ✓ Starting Battery Set incl. Battery Charger and Second Battery Set
- ✓ Exhaust Gas Silencer with Spark Arrester

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

Set power max. ¹⁾	Alternator	LIAG Code
230 kWe	LSAM 46.3 L11	MBGL135KC230
240 kWe	LSAM 46.3 L11	MBGL135KC240
240 kWe	LSAM 46.3 L11	MBGL265KC240
275 kWe	LSAM 47.2 VS2	MBGL135KC275
295 kWe	LSAM 47.2 S4	MBGL265KC295
325 kWe	LSAM 47.2 M7	MBGL135KC325
375 kWe	LSAM 47.2 M7	MBGL135KC375
390 kWe	LSAM 47.2 L9	MBGL165KC390
420 kWe	LSAM 47.2 L9	MBGL165KC420
490 kWe	LSAM 49.3 S4	MBGL285KC490
580 kWe	LSAM 49.3 M8	MBGL285KC580

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

Set power max. ¹⁾	Alternator	LIAG Code
240 kWe	LSAM 46.3 M8	MBGL266KC240
240 kWe	LSAM 46.3 M8	MBGL136KC240
275 kWe	LSAM 46.3 L10	MBGL136KC275
320 kWe	LSAM 47.2 VS2	MBGL136KC320
340 kWe	LSAM 47.2 VS2	MBGL266KC340
370 kWe	LSAM 47.2 S4	MBGL136KC370
395 kWe	LSAM 47.2 S5	MBGL166KC395
435 kWe	LSAM 47.2 M7	MBGL166KC435
475 kWe	LSAM 49.3 S4	MBGL166KC475
600 kWe	LSAM 49.3 S4	MBGL286KC600
690 kWe	LSAM 49.3 M8	MBGL286KC690

¹⁾ The max. power range per set can be varied, due to class specifications of the alternator

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