

GENERATOR SETS FOR RELIABLE POWER

- Standby, prime & continuous power
- Full range from 770 up to 2935 kVA
- Designed and produced in Europe
- Suitable for hospitals, data centres, industry and many more



Advanced technology

We can offer you highly reliable diesel generator sets.

Global Reach

As a global operating company with subsidiaries in all parts of the world our goal is to help you wherever you need it. Our generator sets are made to perform even under the toughest conditions and are known for their durability and reliability.

Reliable Generator Set

The Mitsubishi diesel generator set lineup comprises of a power output from 770 up to 2935 kVA. These generator sets can be found in a multitude of applications including standby, emergency power, prime power for peak shaving or base load power plants.

Our generator sets are built with the well known and reliable Mitsubishi engines, Mitsubishi turbo's and a top quality brand of alternators making them outstandingly reliable and excellent in performance. We have a relentless focus on product quality and production management which makes us a reliable partner for customers for many years.

Partner

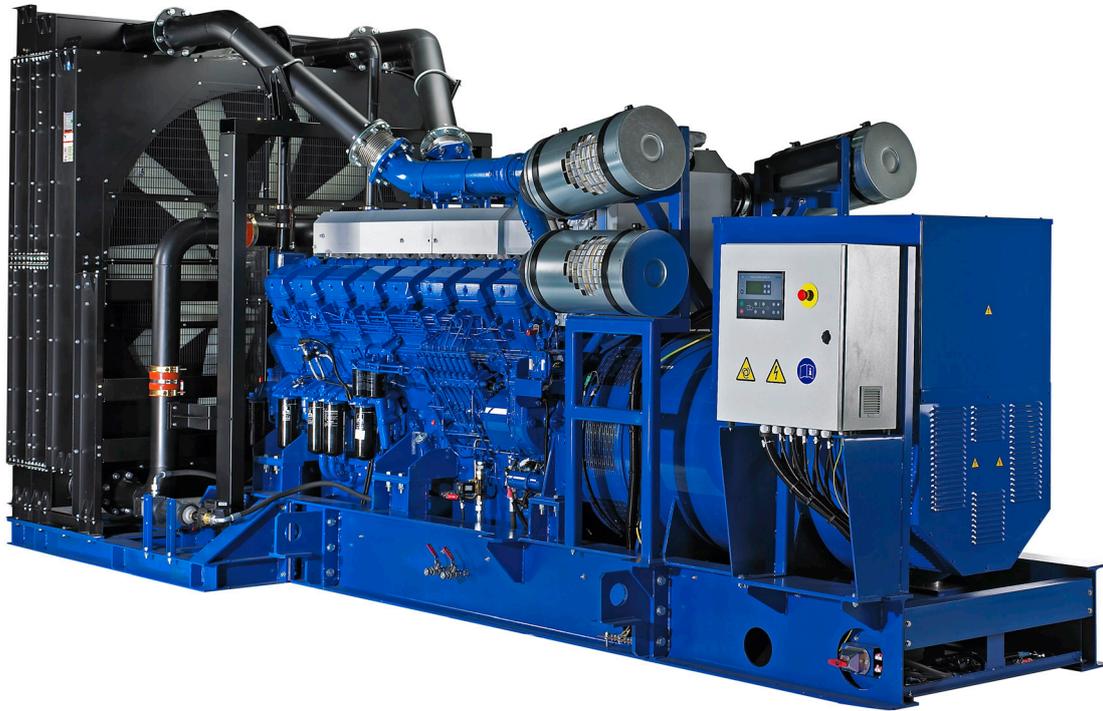
With a relentless focus on engineering and product design we continuously improve our products. Always ensuring the Japanese quality standards, the generator sets are built to last and with ease of installation and maintenance in mind.

We understand that building the right solutions begins with building strong, respectful relationships. By listening to our customers and fully understanding their needs, we work as a team to create products that keep everyone's best interest in mind.

Mitsubishi Heavy Industries Group

For over 130 years, Mitsubishi Heavy Industries (MHI) Group offers world-class innovative, integrated, and sustainable technologies and solutions to create a better future for the world. We use a forward-thinking approach and deep industrial knowledge to bring together people, businesses, and ideas to achieve shared success.

As a global leader in engineering and manufacturing, MHI Group delivers innovative and integrated solutions across a wide range of industries from commercial aviation and transportation to power plants and gas turbines, and from machinery and infrastructure to integrated defense and space systems.



MGS-EU 2500 C

| Symbol | Rating | Definition | Operating hours per year | Overload |
|--------|---------------|------------------------------------------------------------------------------------------------------|--------------------------|--------------|
| LTP | Standby | Power available in emergency mode. | < 500 Hrs | no |
| Prime | Prime Limited | Power available in emergency mode. | < 500 Hrs | 10% (1h/12h) |
| PRP | Prime | Power available with variable load. | unlimited | 10% |
| DCP | Data Center | Power available for data center load. Complies to Uptime Institute Tier III and Tier IV topology. | unlimited | 10% |
| COP | Continuous | Power available in continuous mode. | unlimited | no |

TECHNICAL INFORMATION

Emission - Not regulated | MGS-EU with Radiator - Low Voltage (400V)

| | Rating | Output | | | | Mitsubishi engine model |
|------------------------|-----------|------------------------|------|----------------------|------|-------------------------|
| | | Leroy Somer alternator | | Mecc Alte alternator | | |
| | | kWe | kVA | kWe | kVA | |
| MGS-EU 2800 B | LTP | 2225 | 2780 | 2240 | 2800 | S16R2-PTAW2-E |
| MGS-EU 2800 C | Prime/DCP | 2024 | 2530 | 2040 | 2550 | S16R2-PTAW2-E |
| MGS-EU 2700 B | LTP | 2000 | 2500 | 2020 | 2525 | S16R2-PTAW |
| MGS-EU 2700 C | PRP / DCP | 1816 | 2270 | 1825 | 2280 | S16R2-PTAW |
| MGS-EU 2500 B | LTP | 1760 | 2200 | 1820 | 2275 | S16R-PTAA2 |
| MGS-EU 2500 C | PRP | 1600 | 2000 | 1628 | 2035 | S16R-PTAA2 |
| MGS-EU 2000 B | LTP | 1672 | 2090 | 1680 | 2100 | S16R-PTA2 |
| MGS-EU 2000 C | PRP / DCP | 1520 | 1900 | 1520 | 1900 | S16R-PTA2 |
| MGS-EU 1700 B | LTP | 1528 | 1910 | 1532 | 1915 | S16R-PTA |
| MGS-EU 1700 C | PRP / DCP | 1392 | 1740 | 1400 | 1750 | S16R-PTA |
| MGS-EU 1600 B | LTP | 1320 | 1650 | 1320 | 1650 | S12R-PTAA2 |
| MGS-EU 1600 C | PRP | 1200 | 1500 | 1200 | 1500 | S12R-PTAA2 |
| MGS-EU 1400 B | LTP | 1224 | 1530 | 1236 | 1545 | S12R-PTA2 |
| MGS-EU 1400 C | PRP / DCP | 1112 | 1390 | 1120 | 1400 | S12R-PTA2 |
| MGS-EU 1200 B | LTP | 1132 | 1415 | 1144 | 1430 | S12R-PTA |
| MGS-EU 1200 C | PRP / DCP | 1028 | 1285 | 1040 | 1300 | S12R-PTA |
| MGS-EU 1000 B | LTP | 930 | 1163 | 936 | 1170 | S12H-PTA |
| MGS-EU 1000 C | PRP / DCP | 845 | 1056 | 850 | 1063 | S12H-PTA |
| MGS-EU 0700 B | LTP | 676 | 845 | 676 | 845 | S6R2-PTAA |
| MGS-EU 0700 C | PRP | 616 | 770 | 616 | 770 | S6R2-PTAA |
| | | | | | | |
| MGS-EU 2700 COP | COP | 1544 | 1930 | 1560 | 1950 | S16R2-PTAW |
| MGS-EU 1700 COP | COP | 1256 | 1570 | 1256 | 1570 | S16R-PTA |
| MGS-EU 1200 COP | COP | 916 | 1145 | 920 | 1150 | S12R-PTA |

Emission - 2g NOx TA Luft | MGS-EU with Radiator - Low Voltage (400V)

| | | | | | | |
|------------------------|-----------|------|------|------|------|--------------|
| MGS-EU 2700F1 B | LTP | 2000 | 2500 | 2008 | 2510 | S16R2-F1PTAW |
| MGS-EU 2700F1 C | PRP / DCP | 1808 | 2260 | 1816 | 2270 | S16R2-F1PTAW |
| MGS-EU 2500F1 B | LTP | 1808 | 2260 | 1816 | 2270 | S16R-F1PTAW2 |
| MGS-EU 2500F1 C | PRP / DCP | 1648 | 2060 | 1656 | 2070 | S16R-F1PTAW2 |
| MGS-EU 1600F1 B | LTP | 1360 | 1700 | 1360 | 1700 | S12R-F1PTAW2 |
| MGS-EU 1600F1 C | PRP / DCP | 1232 | 1540 | 1240 | 1550 | S12R-F1PTAW2 |

Emission - Not regulated | MGS-EU without Radiator - Low Voltage (400V)

| | Rating | Output | | | | Mitsubishi engine model |
|------------------------|-----------|------------------------|------|----------------------|------|-------------------------|
| | | Leroy Somer alternator | | Mecc Alte alternator | | |
| | | kWe | kVA | kWe | kVA | |
| MGS-EU 2800 B | LTP | 2328 | 2910 | 2348 | 2935 | MGS-EU 2800 B |
| MGS-EU 2800 C | Prime/DCP | 2108 | 2635 | 2136 | 2670 | MGS-EU 2800 C |
| MGS-EU 2700 B | LTP | 2080 | 2600 | 2100 | 2625 | MGS-EU 2700 B |
| MGS-EU 2700 C | PRP / DCP | 1888 | 2360 | 1900 | 2375 | MGS-EU 2700 C |
| MGS-EU 2500 B | LTP | - | - | - | - | MGS-EU 2500 B |
| MGS-EU 2500 C | PRP | - | - | - | - | MGS-EU 2500 C |
| MGS-EU 2000 B | LTP | 1720 | 2150 | 1720 | 2150 | MGS-EU 2000 B |
| MGS-EU 2000 C | PRP / DCP | 1560 | 1950 | 1580 | 1975 | MGS-EU 2000 C |
| MGS-EU 1700 B | LTP | 1560 | 1950 | 1560 | 1950 | MGS-EU 1700 B |
| MGS-EU 1700 C | PRP / DCP | 1420 | 1775 | 1428 | 1785 | MGS-EU 1700 C |
| MGS-EU 1600 B | LTP | - | - | - | - | MGS-EU 1600 B |
| MGS-EU 1600 C | PRP | - | - | - | - | MGS-EU 1600 C |
| MGS-EU 1400 B | LTP | 1260 | 1575 | 1264 | 1580 | MGS-EU 1400 B |
| MGS-EU 1400 C | PRP / DCP | 1140 | 1425 | 1150 | 1437 | MGS-EU 1400 C |
| MGS-EU 1200 B | LTP | 1160 | 1450 | 1168 | 1460 | MGS-EU 1200 B |
| MGS-EU 1200 C | PRP / DCP | 1060 | 1325 | 1064 | 1330 | MGS-EU 1200 C |
| MGS-EU 1000 B | LTP | 970 | 1213 | 973 | 1216 | MGS-EU 1000 B |
| MGS-EU 1000 C | PRP / DCP | 880 | 1100 | 888 | 1110 | MGS-EU 1000 C |
| MGS-EU 0700 B | LTP | - | - | - | - | MGS-EU 0700 B |
| MGS-EU 0700 C | PRP | - | - | - | - | MGS-EU 0700 C |
| | | | | | | |
| MGS-EU 2700 COP | COP | 1615 | 2019 | 1630 | 2037 | S16R2-PTAW |
| MGS-EU 1700 COP | COP | 1280 | 1600 | 1280 | 1600 | S16R-PTA |
| MGS-EU 1200 COP | COP | 944 | 1180 | 960 | 1200 | S12R-PTA |

Emission - 2g NOx TA Luft | MGS-EU without Radiator

| | | | | | | |
|------------------------|-----------|------|------|------|------|--------------|
| MGS-EU 2700F1 B | LTP | 2080 | 2600 | 2090 | 2612 | S16R2-F1PTAW |
| MGS-EU 2700F1 C | PRP / DCP | 1888 | 2360 | 1900 | 2375 | S16R2-F1PTAW |
| MGS-EU 2500F1 B | LTP | 1864 | 2330 | 1848 | 2310 | S16R-F1PTAW2 |
| MGS-EU 2500F1 C | PRP / DCP | 1700 | 2125 | 1680 | 2100 | S16R-F1PTAW2 |
| MGS-EU 1600F1 B | LTP | 1400 | 1750 | 1408 | 1760 | S12R-F1PTAW2 |
| MGS-EU 1600F1 C | PRP / DCP | 1280 | 1600 | 1280 | 1600 | S12R-F1PTAW2 |

TECHNICAL INFORMATION

Emission - Not regulated | MGS-EU with Radiator - High Voltage (6kV)*

| | Rating | Output | | | | Mitsubishi engine model |
|------------------------|-----------|------------------------|------|----------------------|------|-------------------------|
| | | Leroy Somer alternator | | Mecc Alte alternator | | |
| | | kWe | kVA | kWe | kVA | |
| MGS-EU 2800HV B | LTP | 2240 | 2800 | 2240 | 2800 | S16R2-PTAW2-E |
| MGS-EU 2800HV C | Prime/DCP | 2036 | 2545 | 2024 | 2530 | S16R2-PTAW2-E |
| MGS-EU 2700HV B | LTP | 2012 | 2515 | 2016 | 2520 | S16R2-PTAW |
| MGS-EU 2700HV C | PRP / DCP | 1816 | 2270 | 1809 | 2260 | S16R2-PTAW |
| MGS-EU 2500HV B | LTP | 1816 | 2270 | 1816 | 2270 | S16R-PTAA2 |
| MGS-EU 2500HV C | PRP | 1616 | 2020 | 1616 | 2020 | S16R-PTAA2 |
| MGS-EU 2000HV B | LTP | 1672 | 2090 | 1670 | 2087 | S16R-PTA2 |
| MGS-EU 2000HV C | PRP / DCP | 1520 | 1900 | 1516 | 1895 | S16R-PTA2 |
| MGS-EU 1700HV B | LTP | 1496 | 1870 | 1520 | 1900 | S16R-PTA |
| MGS-EU 1700HV C | PRP / DCP | 1392 | 1740 | 1385 | 1732 | S16R-PTA |
| MGS-EU 1600HV B | LTP | 1348 | 1685 | 1340 | 1675 | S12R-PTAA2 |
| MGS-EU 1600HV C | PRP | 1224 | 1530 | 1220 | 1525 | S12R-PTAA2 |
| MGS-EU 1400HV B | LTP | 1228 | 1535 | 1220 | 1525 | S12R-PTA2 |
| MGS-EU 1400HV C | PRP / DCP | 1112 | 1390 | 1110 | 1388 | S12R-PTA2 |
| MGS-EU 1200HV B | LTP | 1136 | 1420 | 1120 | 1400 | S12R-PTA |
| MGS-EU 1200HV C | PRP / DCP | 1032 | 1290 | 1020 | 1275 | S12R-PTA |
| MGS-EU 1000HV B | LTP | 932 | 1165 | 928 | 1160 | S12H-PTA |
| MGS-EU 1000HV C | PRP / DCP | 848 | 1060 | 840 | 1050 | S12H-PTA |
| | | | | | | |
| MGS-EU 2700HV | COP | 1544 | 1930 | 1544 | 1930 | S16R2-PTAW |
| MGS-EU 1700HV | COP | 1248 | 1560 | 1240 | 1550 | S16R-PTA |
| MGS-EU 1200HV | COP | 920 | 1150 | 910 | 1138 | S12R-PTA |

Emission - 2g NOx TA Luft | MGS-EU with Radiator - High Voltage (6kV)*

| | | | | | | |
|--------------------------|-----------|------|------|------|------|--------------|
| MGS-EU 2700F1HV B | LTP | 2000 | 2500 | 2000 | 2500 | S16R2-F1PTAW |
| MGS-EU 2700F1HV C | PRP / DCP | 1807 | 2260 | 1800 | 2250 | S16R2-F1PTAW |
| MGS-EU 2500F1HV B | LTP | 1804 | 2255 | 1808 | 2260 | S16R-F1PTAW2 |
| MGS-EU 2500F1HV C | PRP / DCP | 1648 | 2060 | 1644 | 2055 | S16R-F1PTAW2 |
| MGS-EU 1600F1HV B | LTP | 1360 | 1700 | 1356 | 1695 | S12R-F1PTAW2 |
| MGS-EU 1600F1HV C | PRP / DCP | 1236 | 1545 | 1232 | 1540 | S12R-F1PTAW2 |

*High Voltage lineup also available from 3kV to 12kV.

Emission - Not regulated | MGS-EU without Radiator - High Voltage (6kV)*

| | Rating | Output | | | | Mitsubishi engine model |
|--------------------------|-----------|------------------------|------|----------------------|------|-------------------------|
| | | Leroy Somer alternator | | Mecc Alte alternator | | |
| | | kWe | kVA | kWe | kVA | |
| MGS-EU 2800HV B | LTP | 2344 | 2930 | 2336 | 2920 | S16R2-PTAW2-E |
| MGS-EU 2800HV C | Prime/DCP | 2132 | 2665 | 2120 | 2650 | S16R2-PTAW2-E |
| MGS-EU 2700HV B | LTP | 2068 | 2585 | 2080 | 2600 | S16R2-PTAW |
| MGS-EU 2700HV C | PRP / DCP | 1888 | 2360 | 1884 | 2355 | S16R2-PTAW |
| MGS-EU 2500HV B | LTP | - | - | - | - | S16R-PTAA2 |
| MGS-EU 2500HV C | PRP | - | - | - | - | S16R-PTAA2 |
| MGS-EU 2000HV B | LTP | 1720 | 2150 | 1716 | 2145 | S16R-PTA2 |
| MGS-EU 2000HV C | PRP / DCP | 1568 | 1960 | 1560 | 1950 | S16R-PTA2 |
| MGS-EU 1700HV B | LTP | 1496 | 1870 | 1540 | 1925 | S16R-PTA |
| MGS-EU 1700HV C | PRP / DCP | 1420 | 1776 | 1416 | 1770 | S16R-PTA |
| MGS-EU 1600HV B | LTP | - | - | - | - | S12R-PTAA2 |
| MGS-EU 1600HV C | PRP | - | - | - | - | S12R-PTAA2 |
| MGS-EU 1400HV B | LTP | 1228 | 1535 | 1250 | 1562 | S12R-PTA2 |
| MGS-EU 1400HV C | PRP / DCP | 1144 | 1430 | 1136 | 1420 | S12R-PTA2 |
| MGS-EU 1200HV B | LTP | 1168 | 1460 | 1150 | 1438 | S12R-PTA |
| MGS-EU 1200HV C | PRP / DCP | 1064 | 1330 | 1048 | 1310 | S12R-PTA |
| MGS-EU 1000HV B | LTP | 968 | 1210 | 962 | 1202 | S12H-PTA |
| MGS-EU 1000HV C | PRP / DCP | 880 | 1100 | 878 | 1097 | S12H-PTA |
| | | | | | | |
| MGS-EU 2700HV COP | COP | 1616 | 2020 | 1616 | 2020 | S16R2-PTAW |
| MGS-EU 1700HV COP | COP | 1280 | 1600 | 1270 | 1588 | S16R-PTA |
| MGS-EU 1200HV COP | COP | 948 | 1185 | 935 | 1169 | S12R-PTA |

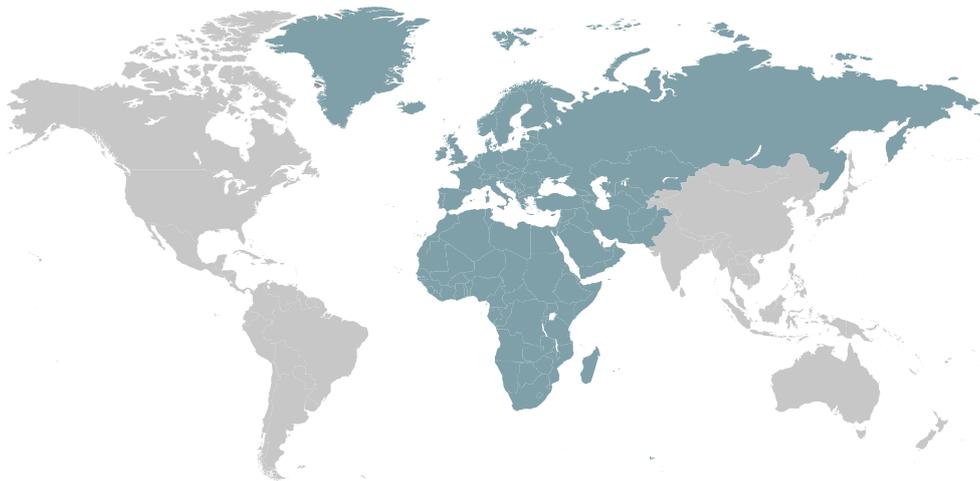
Emission - 2g NOx TA Luft | MGS-EU without Radiator - High Voltage (6kV)*

| | | | | | | |
|--------------------------|-----------|------|------|------|------|--------------|
| MGS-EU 2700F1HV B | LTP | 2068 | 2585 | 2080 | 2600 | S16R2-F1PTAW |
| MGS-EU 2700F1HV C | PRP / DCP | 1888 | 2360 | 1885 | 2356 | S16R2-F1PTAW |
| MGS-EU 2500F1HV B | LTP | 1804 | 2255 | 1864 | 2330 | S16R-F1PTAW2 |
| MGS-EU 2500F1HV C | PRP / DCP | 1704 | 2130 | 1704 | 2130 | S16R-F1PTAW2 |
| MGS-EU 1600F1HV B | LTP | 1400 | 1750 | 1395 | 1740 | S12R-F1PTAW2 |
| MGS-EU 1600F1HV C | PRP / DCP | 1280 | 1600 | 1268 | 1585 | S12R-F1PTAW2 |

*High Voltage lineup also available from 3kV to 12kV.

Your loyal, reliable partner since 1917

In 1917, Mitsubishi Heavy Industries (MHI) became the first Japanese company to develop and build a diesel engine, and since then has steadfastly pioneered technologies for the reciprocating engine. MHI offers a broad line-up, ranging from construction machinery and marine engines to engines for power generation. In recent years, the company has been involved in the general development of advanced gas turbines, rocket engines, and other types of internal combustion engines, even as it continues to look at the true significance and its decades-long quest to further refine the reciprocating engine.



All specifications and data in this brochure are subject to change without prior notice.



**Headquarters Engine, Genset & Powerplant Division
Europe, Middle East and Africa**

Damsluisweg 2
1332 EC Almere
P.O. Box 30101
1303 AC Almere
The Netherlands

Phone: +31 (0)36 5388311
Email: engines@mtee.eu

www.mtee.eu