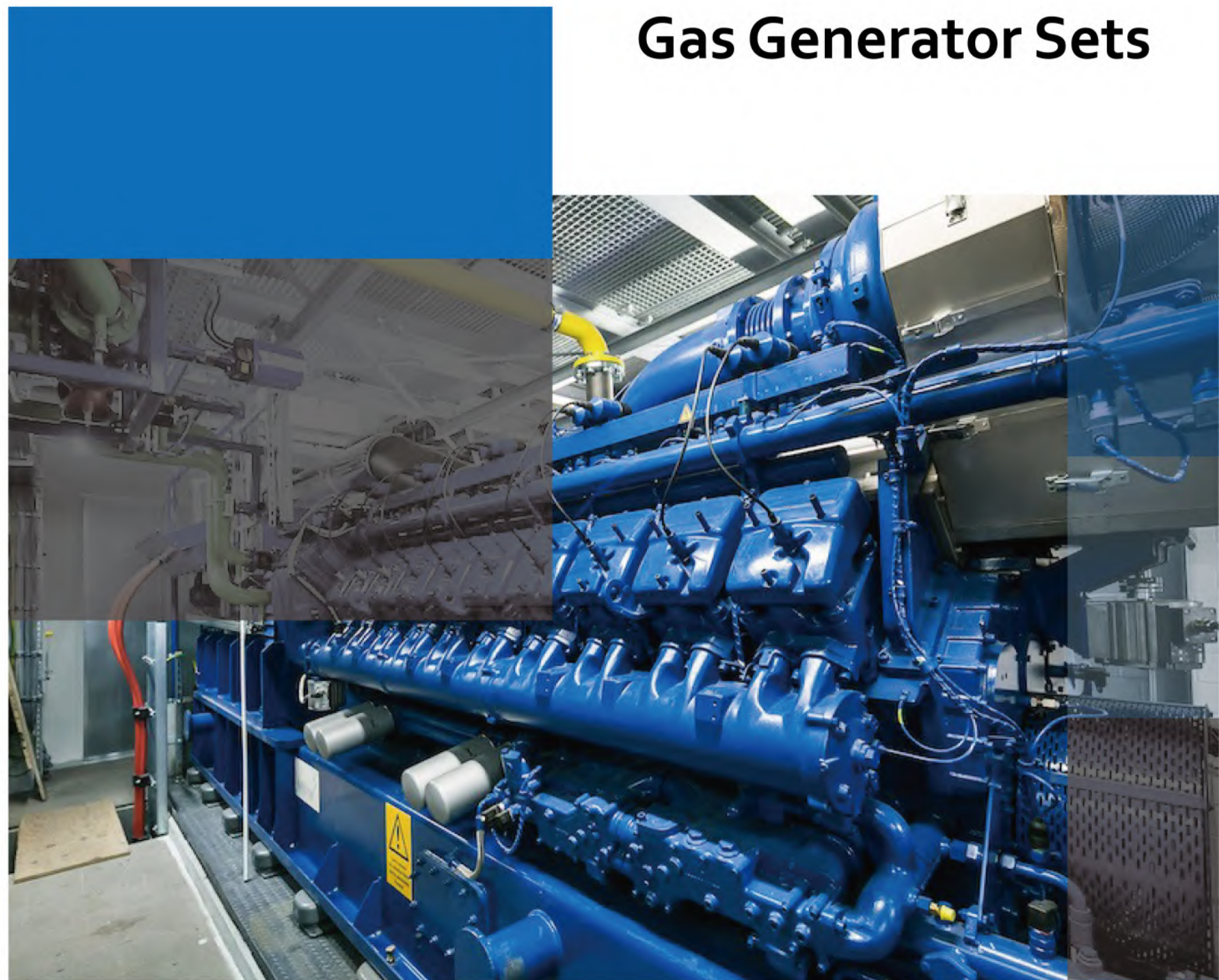


Gas Generator Sets



WUXI LEES POWER CO., LTD.

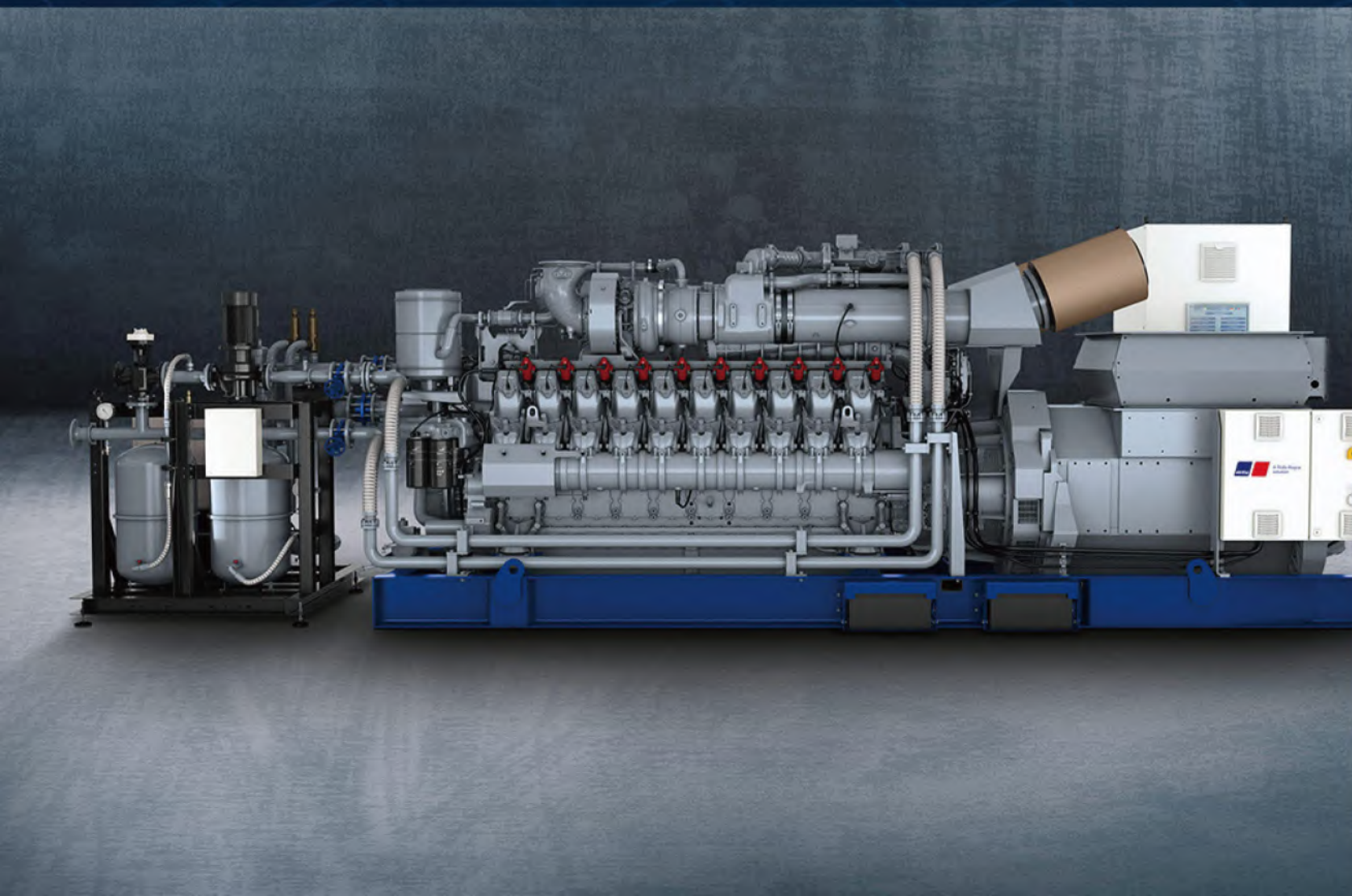
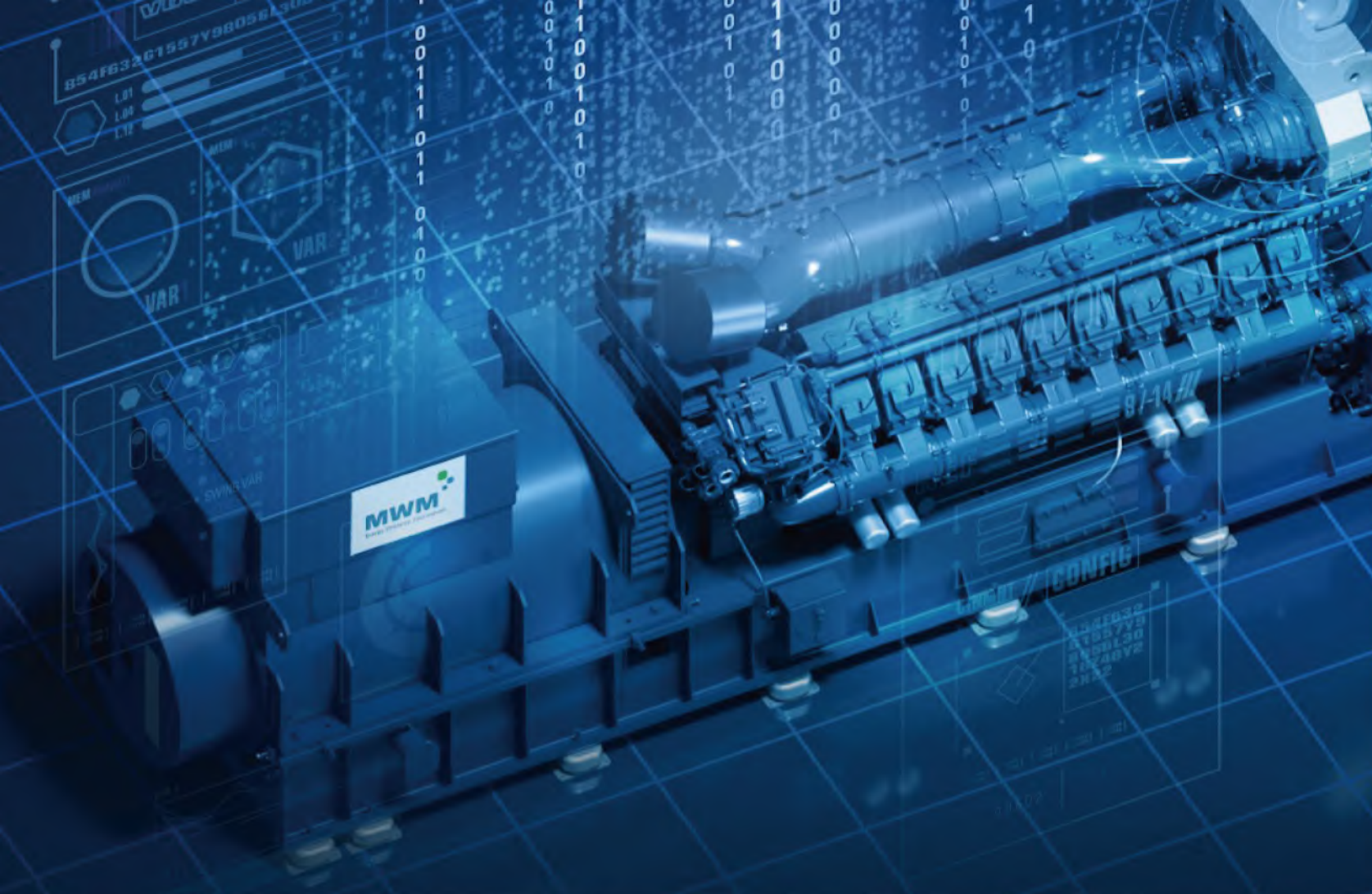
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WUXI LEES POWER CO., LTD.
www.leespower.com



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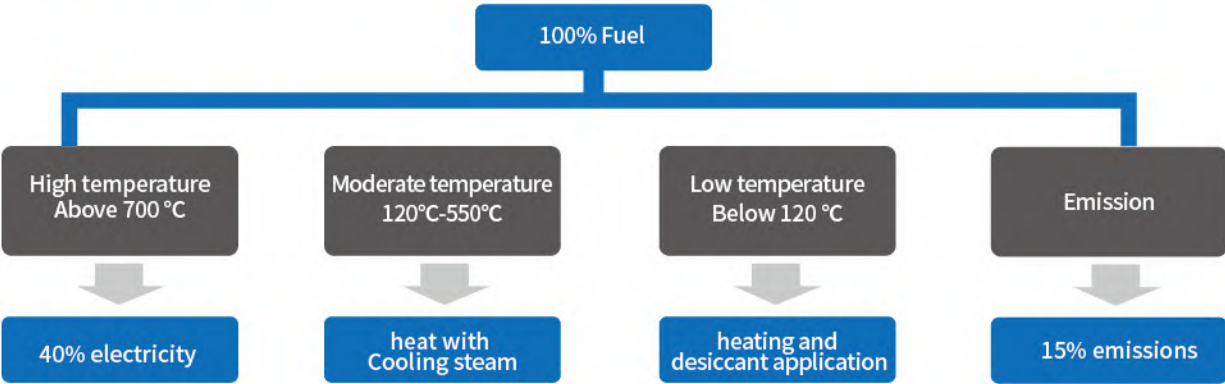
CHP

Distributed energy

Distributed energy can make rational use of resources, reduce consumption and pollution, which also can be operated flexibly and economical.

Distributed Energy Features	CHP of heat and power features
✓ Energy efficiency: above 84%;	CHP - A mode of energy in which electricity and heat coexist
✓ Cascade utilization of energy can be realized;	✓ Distributed energy supply
✓ Customized to provide resources and environmental benefits	✓ Operated in grid-connected or isolated mode
Maximize the efficiency of power solution	✓ Further use of generator waste heat to improve utilization rate

Cascade utilization of energy



Core equipment of CHP gas generator set

Gas internal combustion unit

Power generation efficiency and unit kilowatt cost has advantages over gas turbine units mainly for small and medium-sized CHP users.

Large and medium-sized gas turbine sets

Mainly aimed at regional CHP users which the total capacity is larger.

Micro gas turbine set

Mainly for small-scale CHP users, for non - mainstream products. Micro gas turbine sets, with maturity, reliability, power generation efficiency, thermal efficiency and quality, are inferior to gas internal combustion engine. The main characteristic is module design and integration, which the system is simple.

Gas Generator Sets Features

- Clean and environmentally friendly: Gas generators can effectively reduce greenhouse gas emissions. The combustion of gas generators produces water and CO2, which can be significantly reduced Carbon emissions, and can produce electricity, heat and other energy for human use.
- Simple operation and maintenance: It has a simple structure and high degree of automation, which greatly reduces operation and maintenance costs.
- Low fuel cost: The fuel cost used by gas generator sets is significantly lower than the cost of fuels such as oil and coal. Coalbed methane, landfill gas, biogas and other fuels require almost no cost (only the input of gas collection equipment is required).
- High reliability: the unit runs stably and the failure rate is extremely low.



MWM Gas Generator Sets

Stability, high efficiency and digitalization



150 years of experience for your success

With MWM, you benefit from 150 years of experience in gas engine technology and energy generation. Since 2011, we have been part of the network of Caterpillar Inc., gaining access to international expertise and resources on the basis of which we can develop individual turnkey solutions for you. Draw on the security and experience of a specialist that has installed thousands of highly efficient and reliable plants around the globe.

The future of efficiency is digital

With MWM Digital Power, the energy market enters a new age. State-of-the-art components combined with smart and secure data analysis ensure improved maintenance, efficiency and optimized capacity utilization of your plants.

Power Range: 400kW to 4500kW

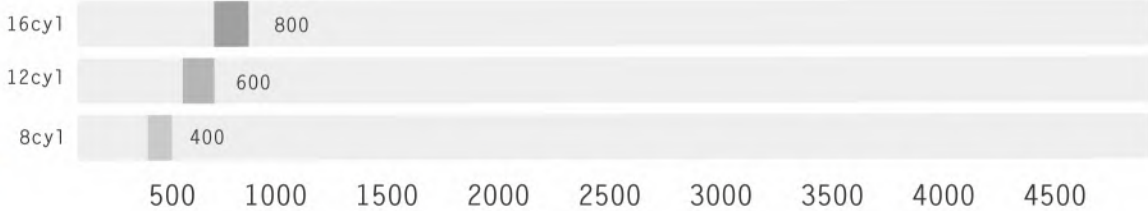
TCG 2032



TCG 2020



TCG 3016



MWM Gas Generator Sets

Superior operation and efficiency

Lower gas consumption

through improved efficiency and fuel flexibility



Reduced maintenance costs

through longer service intervals and longer operating hours until the major overhaul



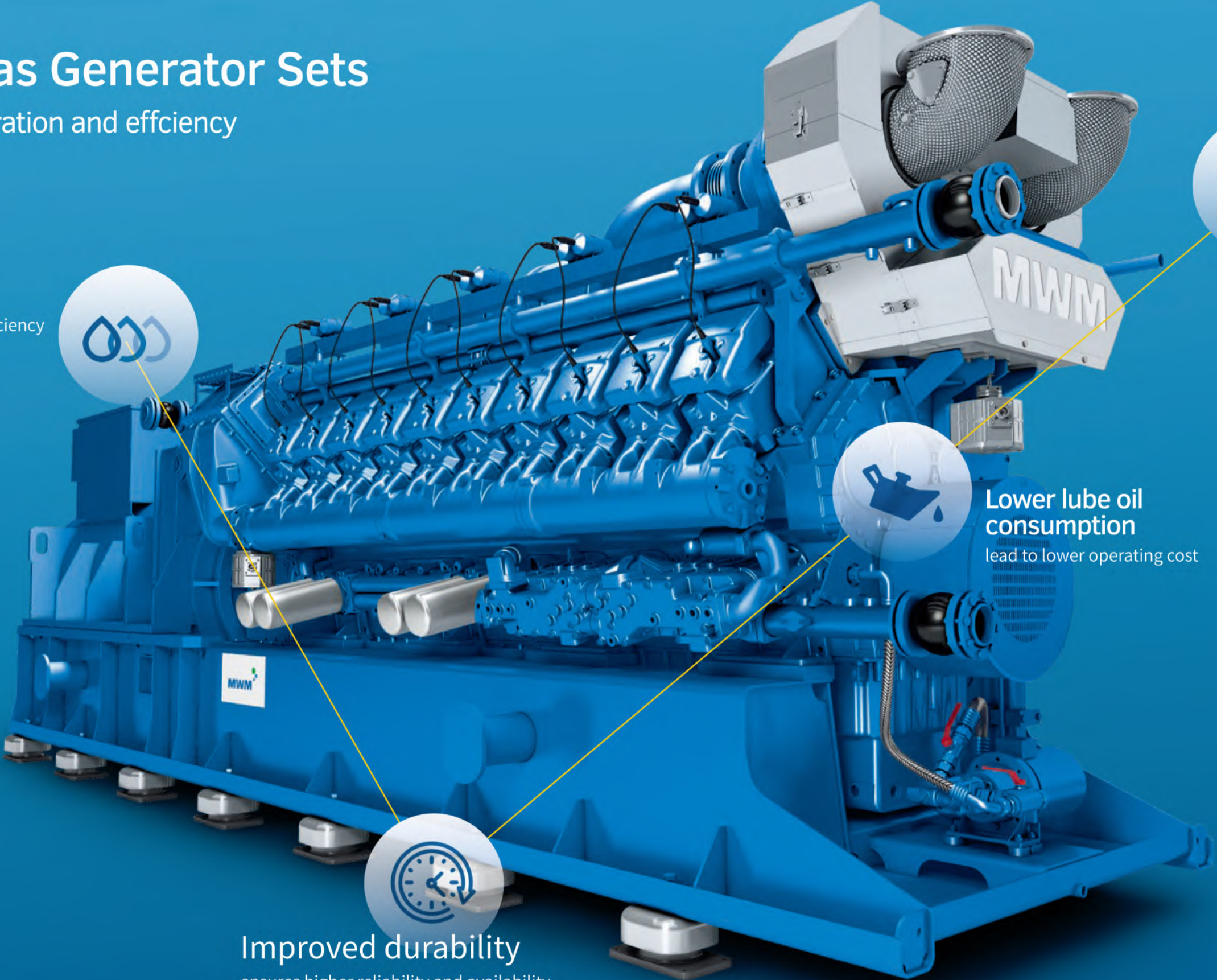
Lower lube oil consumption

lead to lower operating cost



Improved durability

ensures higher reliability and availability



MWM Gas Generator Sets

Robust, Efficient, Digital

Designed for customization

Flanged genset concept

- ✓ Greater integrated lube oil volume
- ✓ Integrated oil management

Higher availability and longer runtimes

- ✓ Optimized combustion through evenly charged cylinders
- ✓ Optimized combustion with lower peak pressure
- ✓ Smoothly running, low vibration genset

TPEM – the new control system

- ✓ Easy human machine interface
- ✓ Fully integrated remote access
- ✓ Expanded scope, e.g. synchronization, power switch, and plant control



MWM Applications

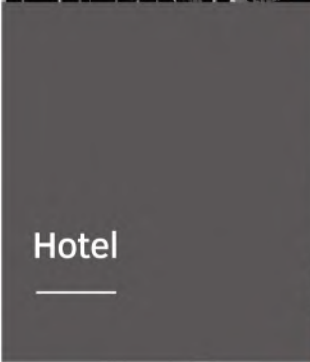
Our experience for your success



Hospital



Data Center



Hotel



Chemical Plant



Oil Field



Garbage treatment plant

Applicable combustible gas

Natural gas, biogas, coal gas, oil associated gas, shale gas, etc.



NanJi Water Recycle Centre, Korea

Korea District Heating Corp. is one of the largest suppliers of district heating in the world. In March 2013, two TCG 2020 V16 engines were taken into operation, providing an electrical output of 1.6 MW_{el} each. The units are part of the first plant installed in South Korea that generates electricity and heat from biogas.

2 x MWM TCG 2020 V16 | Commissioning: 2013



Italiana Coke, Italy

MWM engines were installed for the environmental-friendly utilization of the coke oven gas generated at the coke oven plant Italiana Coke. The electricity rebate, the amount of which is determined by law, gives the operator a secure income from the sale of the electricity generated at the plant, in addition to the company's core business, the production of metallurgic coke.

5 x MWM TCG 2032 V16 | Commissioning: 2010



STOR, UK

10 MW_{el} containerised peak-logging power plant provides security and stability to the grid and can be demanded during peak hours or during high electrical demand. The goal was to achieve a quick ramp-up time with the TCG 2020 V20 genset to meet the demand of the grid.

5 x MWM TCG 2020 V20 | Commissioning: 2014

Specification

50Hz

Model		Electrical Power KW	Efficiency (%)			Nox mg/m3	Applicable combustible gas	Dimensions LxWxH	Weight Kg
LEES	MWM		Electrical efficiency	Thermal efficiency	Total efficiency				
LSMW400GSE3	TCG3016 V08	400	43.1	43.6	86.7	500	NG	3100x1780x2150	5720
			42.8	41.9	84.7		BIOG		
LSMW600GSE3	TCG3016 V12	600	43.3	44.7	88.0	500	NG	3830x1780x2150	7000
			42.1	44.0	86.1		BIOG		
LSMW800GSE3	TCG3016 V16	800	43.5	44.6	88.0	500	NG	4200x1780x2150	8070
			42.4	43.8	86.2		BIOG		
LSMW1000GSE3	TCG3016 V16S	1000	41.0	47.4	88.3	500	NG	4200x1780x2150	8560
LSMW1125GSE3	TCG2020 V12K	1125	40.9	45.6	86.5	500	NG	4790x1810x2210	11700
LSMW1200GSE3	TCG2020 V12	1200	43.6	43.3	86.9	500	NG	4790x1810x2210	11700
			42.5	43.8	86.3		BIOG		
LSMW1500GSE3	TCG2020 V16K	1500	40.9	45.7	86.6	500	NG	5430x1810x2210	13320
LSMW1560GSE3	TCG2020 V16	1560	43.2	43.8	87.0	500	NG	5430x1810x2210	13320
			42.0	44.1	86.1		BIOG		
LSMW2000GSE3	TCG2020 V20	2000	43.7	43.2	86.9	500	NG	6200x1710x2190	17900
			42.6	44.2	86.8		BIOG		
LSMW3333GSE3	TCG2032 V12	3333	43.9	42.6	86.5	500	NG	7860x2660x3390	43100
LSMW4300GSE3	TCG2032 V16	4300	44.1	42.7	86.8	500	NG	9200x2690x3390	51200
		3770	43.0	39.9	82.8	500	BIOG		

*Please contact us at lees@leespower.com, for more product specifications.

Specification

60Hz

Model		Electrical Power KW	Efficiency (%)			Nox mg/m3	Applicable combustible gas	Dimensions LxWxH	Weight Kg
LEES	MWM		Electrical efficiency	Thermal efficiency	Total efficiency				
LSMW400GSE3	TCG3016 V08	400	43.1	43.6	86.7	500	NG	3100x1780x2150	5720
			42.8	41.9	84.7		BIOG		
LSMW600GSE3	TCG3016 V12	600	43.3	44.7	88.0	500	NG	3830x1780x2150	7000
			42.1	44.0	86.1		BIOG		
LSMW800GSE3	TCG3016 V16	800	43.5	44.6	88.0	500	NG	4200x1780x2150	8070
			42.4	43.8	86.2		BIOG		
LSMW1000GSE3	TCG3016 V16S	1000	41.0	47.4	88.3	500	NG	4200x1780x2150	8560
LSMW1125GSE3	TCG2020 V12K	1125	40.9	45.6	86.5	500	NG	4790x1810x2210	11700
LSMW1200GSE3	TCG2020 V12	1200	43.6	43.3	86.9	500	NG	4790x1810x2210	11700
			42.5	43.8	86.3		BIOG		
LSMW1500GSE3	TCG2020 V16K	1500	40.9	45.7	86.6	500	NG	5430x1810x2210	13320
LSMW1560GSE3	TCG2020 V16	1560	43.2	43.8	87.0	500	NG	5430x1810x2210	13320
			42.0	44.1	86.1		BIOG		
LSMW2000GSE3	TCG2020 V20	2000	43.7	43.2	86.9	500	NG	6200x1710x2190	17900
			42.6	44.2	86.8		BIOG		
LSMW3333GSE3	TCG2032 V12	3333	43.9	42.6	86.5	500	NG	7860x2660x3390	43100
LSMW4300GSE3	TCG2032 V16	4300	44.1	42.7	86.8	500	NG	9200x2690x3390	51200
		3770	43.0	39.9	82.8	500	BIOG		

*Please contact us at lees@leespower.com, for more product specifications.

MTU Gas Generator Sets

Sustainability, reliability and flexibility

MORE THAN 20 YEARS OF TOP PERFORMANCE

The new natural gas genset offers the highest power density and the highest kilowatt-per-square-foot ratio in its class. Its smaller footprint enables a 30% improvement in power density compared to its predecessor. In multi-generator sites, fewer gensets are needed to achieve a given power output. The new natural gas genset also has lower installation costs. The natural gas power genset is based on the successful 4000 series, delivers from 776–2,535 kW, and has been optimized for hot and humid environments.

MTU OE 4000 series

Power Range: 775kW to 2535kW



Open Type

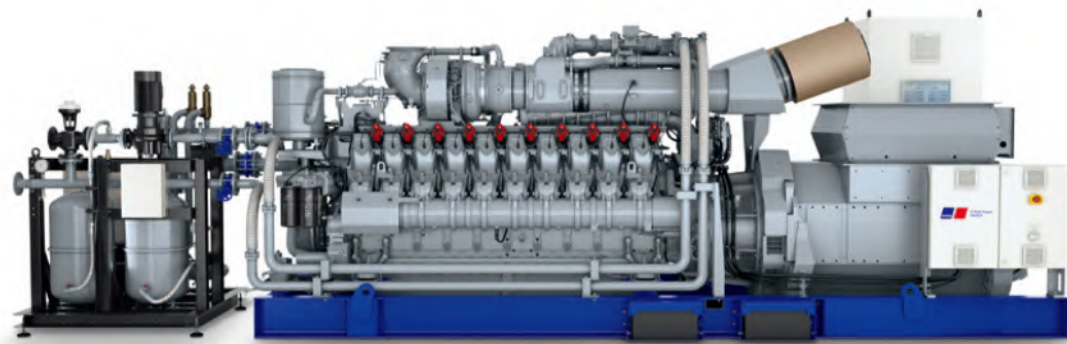


Containerized Type



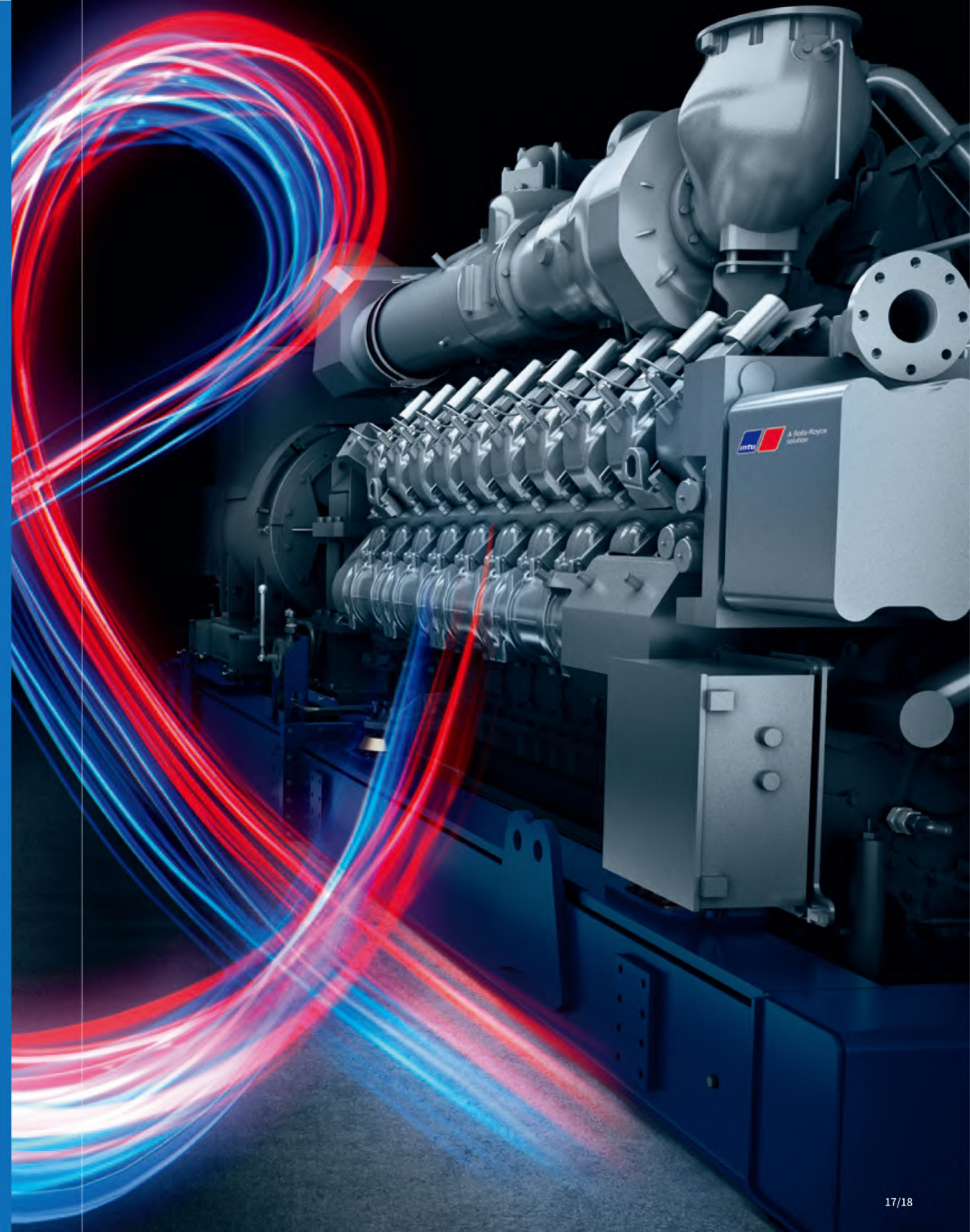
MTU Gas Generator Sets

Sustainability, reliability and flexibility



Features

- MTU gas generator set inherits its military manufacturing quality, advanced material manufacturing and processing technology with the smallest and lightest dimension compared with all brands in the same category, achieving high reliability and long service life span.
- Energy-saving first & environmental concept sacrifices part of power generation efficiency to improve thermal efficiency and achieve the highest total energy efficiency.
- The generator set has low vibration, easy to install, and basically eliminates the vibration on the base. The generator set can be placed on customer base directly through the cushioning gasket without fixing or other vibration isolation measures.
- The noise of gas generator set is small. The surface and exhaust noise are much smaller than other brands of similar products.
- Two-stage high temperature inter-cooling system (53-56°C) enables the unit to have no power drop at high temperature and high altitude (below 1000 metres, ambient temperature below 45°C).
- The unit adopts closed crankcase system to reduce lubricating oil consumption and environmental pollution.
- High degree of automation and intelligence: with the machine side control cabinet, industrial level control system, color display touch screen, the unit can automatically realize the synchronization between power grid and load control.
- The unit is with long after sales maintenance interval & low maintenance cost for life cycle, such as L32 overhauls period is up to 64000 hours, L64FNER overhauls period to 84000 hours.





MTU Gas Generator Sets

Sustainability, reliability and flexibility

Features

MTU standardized container generator set is designed to meet the requirements of a variety of applications.



01

Technically mature, proven and eco-friendly gas engine technology for maximum efficiency and reliability.

02

Completely autonomous overall design that does not require an additional building

03

Flexible unit assembly system based on standardized modules and synchronized components

04

Readily available, compact turnkey plug & play solutions

05

Optimum support thanks to a worldwide service network

06

Quality certified to ISO 9001 and DIN EN ISO 14001

MTU Applications

Our experience for your success

Applicable combustible gas

Natural gas, biogas, coal gas, oil associated gas, shale gas, etc.



Greenhouse/Roses

The combined heat and power plant is based on a MTU high-speed 12V 4000 L64 gas-powered engine. With an electrical output of 1,523kWe and a thermal output of 1,912kW, it achieves a total efficiency level of 99.9%. The electric power is used primarily for the greenhouse lamps and, if required, is fed into the public grid. The greenhouses, which cover an area of 1.75 hectares, are heated using the heat extracted from the exhaust gas and the engine's cooling system. In addition, the cleaned exhaust gases from the engines are injected into the greenhouses to increase the level of CO2 and boost plant growth.

Trigeneration for industry/lighting

A MTU trigeneration gas genset has been in service at the Osram plant in Eichstätt since January 2015. The system boasts low emissions and high efficiency and keeps the lighting manufacturer supplied with electrical power, heat and cooling. The new plant does more than the conventional cogeneration module for combined heat and power (CHP). In winter, it provides heat for the production halls and in summer cools the machine control and laser systems with its absorption refrigerator. Generating cooling power in times of low heat demand enhances the capacity utilization of the plant

Specification

50Hz

Model		Electrical Power KW	Efficiency (%)			Nox mg/m3	Applicable combustible gas	Dimensions LxWxH	Weight Kg
LEES	MTU		Electrical efficiency	Thermal efficiency	Total efficiency				
LSMU800GSE3	MTU 8V4000 GS/L32	776	41.9	46.7	88.6	500	NG	4000x2000x2300	10000
		800	43.0	42.7	85.7	500	BIOG		
LSMU1169GSE3	MTU 12V4000 GS/L32	1169	42.6	46.2	88.8	500	NG	5000x2000x2300	14000
		1169	43.0	43.2	86.2	500	BIOG		
LSMU1560GSE3	MTU 16V4000 GS/L32	1560	42.7	45.7	88.4	500	NG	5500x2000x2300	16000
		1560	43.1	39.5	82.6	500	BIOG		
LSMU1950GSE3	MTU 20V4000 GS/L32	1948	42.6	46.7	89.2	500	NG	5900x2000x2400	19000
		1950	43.3	39.6	82.9	500	BIOG		
LSMU1013GSE3	MTU 8V4000 GS/L64FNER	1013	43.5	44.0	87.5	500	NG	4500x2000x2300	10000
LSMU1515GSE3	MTU 12V4000 GS/L64FNER	1515	44.2	45.7	89.9	500	NG	5100x2000x2300	14000
LSMU2024GSE3	MTU 16V4000 GS/L64FNER	2024	43.3	45.0	88.3	500	NG	5300x2000x2300	17000
LSMU2535GSE3	MTU 20V4000 GS/L64FNER	2535	43.9	46.4	90.3	500	NG	6300x2000x2400	20000

*Please contact us at lees@leespower.com, for more product specifications.

Specification

60Hz

Model		Electrical Power KW	Efficiency (%)			Nox mg/m3	Applicable combustible gas	Dimensions LxWxH	Weight Kg
LEES	MTU		Electrical efficiency	Thermal efficiency	Total efficiency				
LSMU800GSE3	MTU 8V4000 GS /L32	764	41.2	47.2	88.4	500	NG BIOG	4000x2000x2300	10000
LSMU1169GSE3	MTU 12V4000 GS/L32	1152	41.9	46.6	88.5	500	NG BIOG	5000x2000x2300	14000
LSMU1560GSE3	MTU 16V4000 GS/L32	1549	42.4	46.7	89.2	500	NG BIOG	5500x2000x2300	16000
LSMU1950GSE3	MTU 20V4000 GS/L32	1934	42.3	46.9	89.2	500	NG BIOG	5900x2000x2400	19000
LSMU1013GSE3	MTU 8V4000 GS/L64FNER	997	41.6	47.4	89.0	500	NG	4500x2000x2300	10000
LSMU1515GSE3	MTU 12V4000 GS/L64FNER	1506	43.9	48.9	92.9	500	NG	5100x2000x2300	14000
LSMU2024GSE3	MTU 16V4000 GS/L64FNER	2010	43.9	45.1	89.0	500	NG	5300x2000x2300	17000
LSMU2535GSE3	MTU 20V4000 GS/L64FNER	2514	43.5	46.7	90.1	500	NG	6300x2000x2400	20000

*Please contact us at lees@leespower.com, for more product specifications.

LIEBHERR Gas Generator Sets

Flexibility, high efficiency, high responsiveness

Features

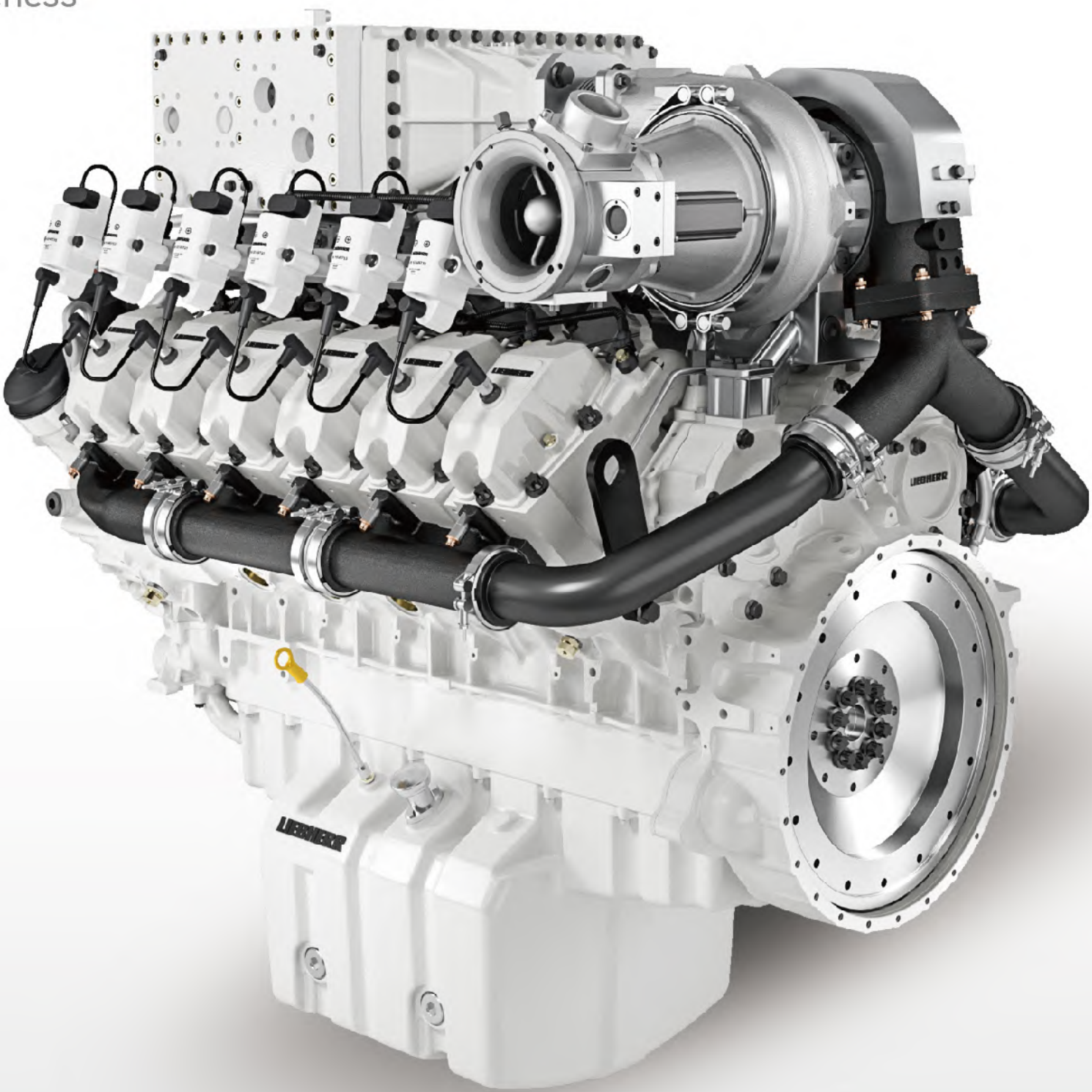
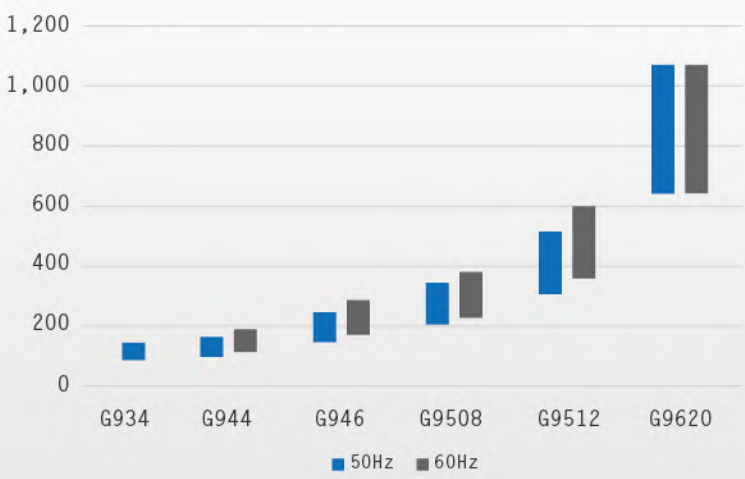
LIEBHERR full range of gas engines stands out for their performance and up to 41.5-43% mechanical efficiency, high reliability and excellent quality.

LIEBHERR gas engine product portfolio from 4 cylinder in line engine to 20 cylinder V engine, with a complete range.

LIEBHERR gas engine includes sensors, ignition system, knock control, safety function and engine management system, etc.

LIEBHERR gas engine can be used in parallel operation and island mode, thanks to its high efficiency and high response, to ensure a high degree of operational flexibility and performance application capability.

Power Range



G944



G946



G9508



G9620

*LIEBHERR G9512 Engine

Specification

50Hz

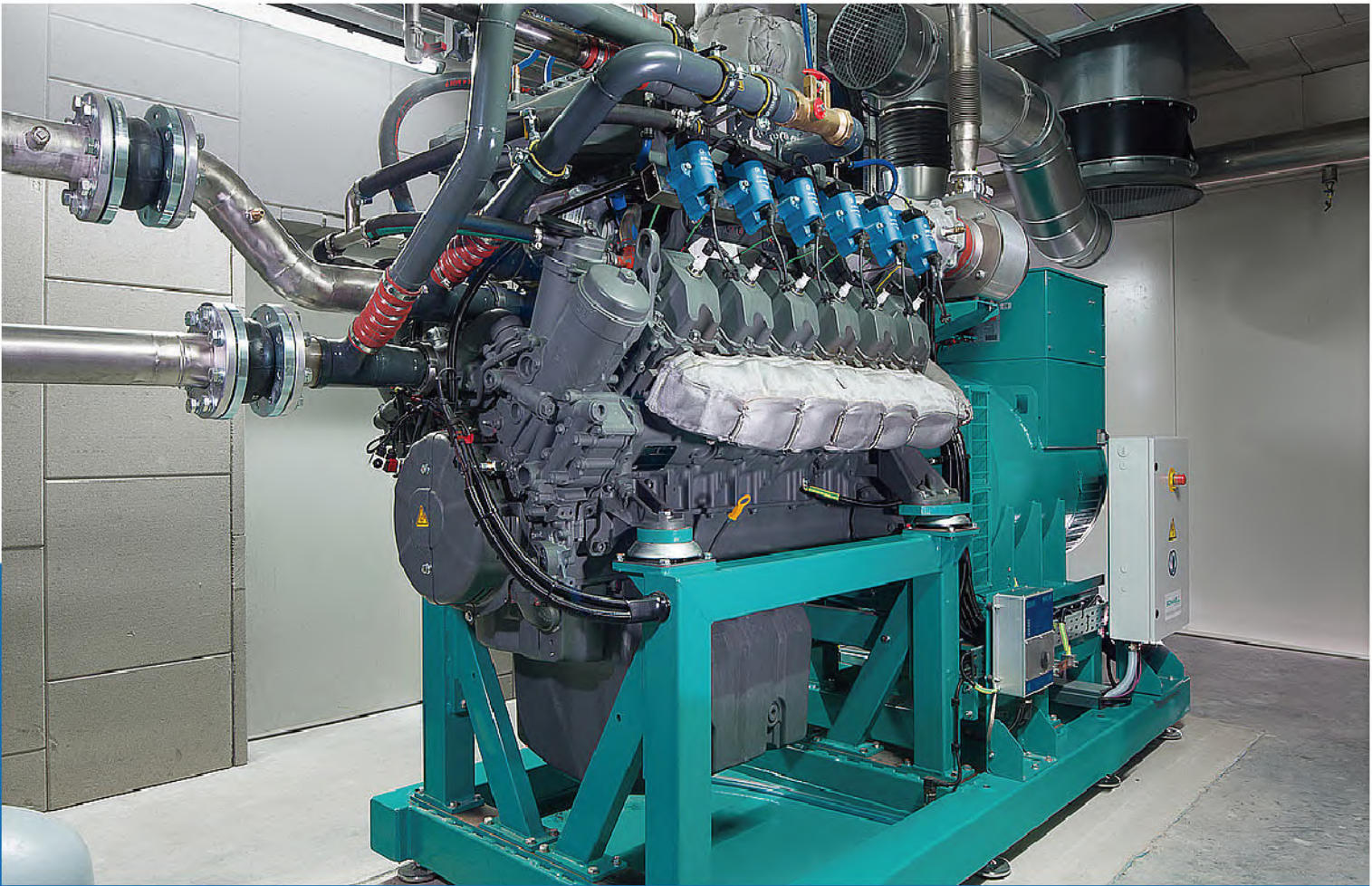
Model	Engine	Alternator	Electrical Power KW	Efficiency (%)			Nox mg/m3	Applicable combustible gas	Dimensions LxWxH	Weight Kg
				Electrical efficiency	Thermal efficiency	Total efficiency				
LSL155GSE3	G944	LSA 46.3 S4	156	39.4	43.9	83.3	500	NG BIOG	2470x990x1220	2050
LSL235GSE3	G946	LSA 46.3 L10	236	39.9	44.3	84.1	500	NG BIOG	2930x990x1400	2510
LSL325GSE3	G9508	LSA 47.2 M7	326	38.4	43.5	81.9	500	NG BIOG	2620x1120x1800	3290
LSL495GSE3	G9512	LSA 49.3 M6	495	39.4	43.2	82.6	500	NG BIOG	3140x1200x1850	4330
LSL1000GSE3	G9620	LSA 50.2 L8	1026	42.4	45.5	87.9	500	NG BIOG	3710x1400x2360	7780

Specification

60Hz

Model	Engine	Alternator	Electrical Power KW	Efficiency (%)			Nox mg/m3	Applicable combustible gas	Dimensions LxWxH	Weight Kg
				Electrical efficiency	Thermal efficiency	Total efficiency				
LSL360GSE3-6	G9508	LSA 47.2 S5	363	36.1	44.8	80.9	500	NG BIOG	2620x1120x1800	3290
LSL575GSE3-6	G9512	LSA 49.3 M6	579	39.2	44.5	83.7	500	NG BIOG	3140x1200x1850	4330
LSL1000GSE3-6	G9620	LSA 50.2 M6	1021	40.1	44.4	84.5	500	NG BIOG	3710x1400x2360	7780

*Please contact us at lees@leespower.com, for more product specifications.



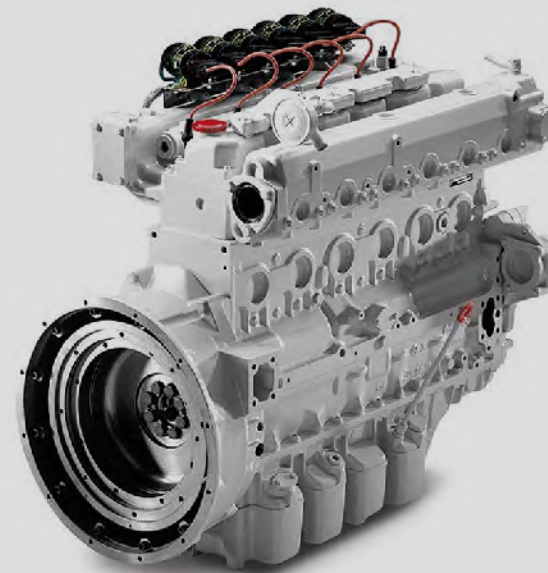
MAN Gas Generator Sets

Durable and high operational performance

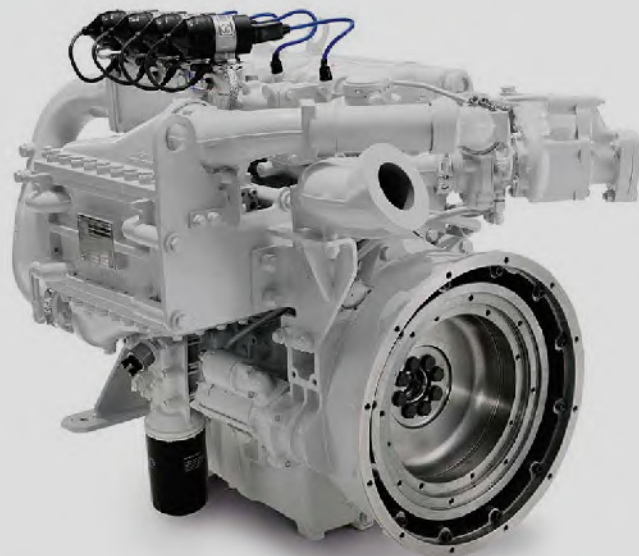
Features

- High power supply and maximum power supply
- Lower lubricant and fuel consumption levels & longer maintenance cycles to reduce operating costs for customers
- Efficient reduction of tailpipe emissions through state-of-the-art fuel technology
- Compact design & space saving
- High reliability through practical testing
- Targeted design to extend the life cycle

MAN gas engines are used in CHP projects, which are with low emission. MAN gas engine power range is from 37 kw to 580 kw. If with special gas like biogas, landfill gas, sewage, the engine power range is from 68 kw to 580 kw. MAN gas engine is with its highest reliability, energy efficiency and excellence, specifically for natural gas and special gas application and development. The engine can achieve a comprehensive efficiency of more than 90% through the best combustion process. It also can achieve the lowest emissions by use of ternary catalytic converters.

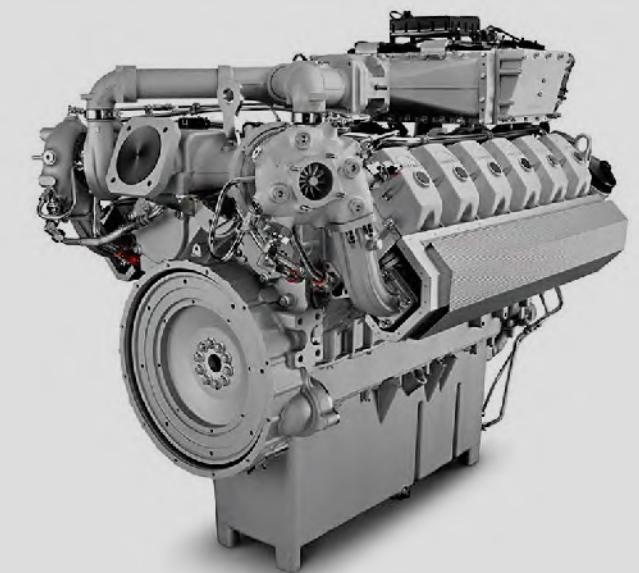


▼ **MAN E3262**
450-580kW



◀ **MAN E0834**
37-68kW

▲ **MAN E0836**
56-110kW



MWM Applications

Our experience for your success



1



The Philippines, pig farm

MAN E2848 LE322
295kW@1800rpm

2



BANGLADESH, Sirhet gas field

MAN E2842 LE322
420kW@1500rpm

3



Biogas power plant for pig farm

MAN E2848 LE322
380kW@1500rpm

Specification

50Hz (NG)

Model	Engine	Alternator	Electrical Power KW	Efficiency (%)			Nox mg/m3	Applicable gas	Dimensions L*W*H	Weight Kg
				Electrical	Thermal	Total				
LSMN50GSE3	E0834 E302	LSA44.3 S2	51	34.4	53.4	87.7	500	NG	1740x740x1240	920
LSMN64GSE3	E0834 LE302	LSA44.3 S4	64	36.3	53.1	89.5	500	NG	1965x810x1200	990
LSMN70GSE3	E0836 E302	LSA44.3 S5	71	34.8	53.4	88.2	500	NG	1940x750x1330	1040
LSMN100GSE3	E0836 LE302	LSA44.3 L10	105	37.7	49.3	86.9	500	NG	2160x750x1300	1220
LSMN130GSE3	E2676 E302	LSA46.3 S3	132	37.1	54.2	91.3	500	NG	2590x950x1610	1790
LSMN140GSE3	E2876 E312	LSA46.3 S3	142	36.2	52.8	89.0	500	NG	2330x850x1440	1650
LSMN200GSE3	E2676 LE202	LSA46.3 M7	200	37.2	48.9	86.1	500	NG	2610x950x1610	2010
LSMN260GSE3	E3262 E302	LSA46.3 L11	263	38.0	54.0	91.9	500	NG	3245x1250x1890	3020
LSMN300GSE3	E3268 LE242	LSA47.2 S5	307	40.0	47.6	87.6	500	NG	3220x1245x1750	2910
LSMN350GSE3	E3268 LE212	LSA47.2 M7	356	40.0	47.9	88.0	500	NG	3320x1245x1750	3040
LSMN430GSE3	E3262 LE232	LSA47.2 L9	432	39.6	47.3	87.0	500	NG	3470x1250x1900	3650
LSMN525GSE3	E3262 LE202	LSA49.3 M6	528	40.3	46.0	86.3	500	NG	3620x1250x1900	3950

50Hz (BIOG)

Model	Engine	Alternator	Electrical Power KW	Efficiency (%)			Nox mg/m3	Applicable gas	Dimensions L*W*H	Weight Kg
				Electrical	Thermal	Total				
LSMN64BGSE3	E0834 LE302	LSA44.3 S4	64	35.9	52.0	87.9	500	BIOG	1965x810x1200	990
LSMN75BGSE3	E0834 LE322	LSA44.3 M6	76	36.2	48.6	84.8	500	BIOG	1965x810x1200	1040
LSMN105BGSE3	E0836 LE302	LSA44.3 L10	105	37.4	49.3	86.7	500	BIOG	2160x750x1300	1220
LSMN120BBGSE3	E2876 TE302	LSA46.3 S2	123	35.9	52.8	88.6	500	BIOG	2360x850x1440	1650
LSMN190BBGSE3	E2876 LE302	LSA46.3 M7	191	38.6	49.5	88.1	500	BIOG	2330x850x1440	1790
LSMN200BGSE3	E2676 LE212	LSA46.3 M8	210	39.5	44.1	83.6	500	BIOG	2610x950x1610	2010
LSMN300BGSE3	E3268 LE252/262	LSA47.2 S5	307	38.9	49.5	88.4	500	BIOG	3220x1245x1750	2910
LSMN350BGSE3	E3268 LE222	LSA47.2 M7	356	40.1	47.0	87.1	500	BIOG	3320x1245x1750	3040
LSMN430BGSE3	E3262 LE242	LSA47.2 L9	434	39.6	47.8	87.4	500	BIOG	3470x1250x1900	3650
LSMN525BGSE3	E3262 LE202/212	LSA49.3 M6	529	39.0	49.0	88.0	500	BIOG	3620x1250x1900	3950

*Please contact us at lees@leespower.com, for more product specifications.

Specification

60Hz (NG)

Model	Engine	Alternator	Electrical Power KW	Efficiency (%)			Nox mg/m3	Applicable gas	Dimensions L*W*H	Weight Kg
				Electrical	Thermal	Total				
LSMN58GSE3-6	E0834 E302	LSA44.3 S2	58	34.1	53.5	87.6	500	NG	1740x740x1240	920
LSMN64GSE3-6	E0834 LE302/312	LSA44.3 S3	64	35.5	51.9	87.4	500	NG	1965x810x1200	990
LSMN70GSE3-6	E0836 E302	LSA44.3 S5	71	30.3	53.4	83.8	500	NG	1940x750x1330	1040
LSMN100GSE3-6	E0836 LE302	LSA44.3 L10	104	36.0	50.3	86.3	500	NG	2160x750x1300	1220
LSMN150GSE3-6	E2676 E302	LSA46.3 S3	150	36.3	54.7	91.0	500	NG	2660x950x1510	1320
LSMN160GSE3-6	E2876 E312	LSA46.3 S3	161	35.8	54.1	89.9	500	NG	2330x850x1440	1650
LSMN200GSE3-6	E2876 LE302	LSA46.3 S5	200	35.2	50.8	86.0	500	NG	2610x850x1610	2010
LSMN235GSE3-6	E2676 LE202	LSA46.3 M8	238	37.6	46.6	84.2	500	NG	2610x950x1610	2010
LSMN280GSE3-6	E3262 E302	LSA46.3 L11	282	36.3	48.1	84.5	500	NG	2350x1200x1740	2200
LSMN320GSE3-6	E3268 LE242	LSA47.2 VS2	324	38.4	48.1	86.5	500	NG	3220x1245x1750	2910
LSMN370GSE3-6	E3268 LE212	LSA47.2 S5	373	39.0	47.9	86.9	500	NG	3320x1245x1750	3040
LSMN430GSE3-6	E3262 LE232	LSA47.2 M7	432	37.7	49.3	87.1	500	NG	3470x1250x1900	3650
LSMN550GSE3-6	E3262 LE202	LSA49.3 M6	556	38.8	47.2	86.0	500	NG	3620x1250x1900	3950

60Hz (BIOG)

Model	Engine	Alternator	Electrical Power KW	Efficiency (%)			Nox mg/m3	Applicable gas	Dimensions L*W*H	Weight Kg
				Electrical	Thermal	Total				
LSMN64BGSE3-6	E0834 LE302	LSA44.3 S4	64	35.2	52.5	87.6	500	BIOG	1965x810x1200	990
LSMN75BGSE3-6	E0834 LE322	LSA44.3 M6	76	35.8	50.5	86.3	500	BIOG	1940x750x1330	1040
LSMN105BGSE3-6	E0836 LE302	LSA44.3 L10	105	35.6	51.7	87.3	500	BIOG	2160x750x1300	1220
LSMN130BBGSE3-6	E2676 E312	LSA46.3 S2	132	33.8	56.5	90.3	500	BIOG	2660x950x1510	1320
LSMN190BBGSE3-6	E2876 LE302	LSA46.3 M7	191	36.7	50.8	87.5	500	BIOG	2610x850x1610	2010
LSMN235BGSE3-6	E2676 LE212	LSA46.3 M8	240	37.5	45.0	82.5	500	BIOG	2610x950x1610	2010
LSMN320BGSE3-6	E3268 LE252/262	LSA47.2 VS2	325	37.0	49.3	86.2	500	BIOG	3220x1245x1750	2910
LSMN370BGSE3-6	E3268 LE222	LSA47.2 S5	373	42.1	47.0	89.1	500	BIOG	3320x1245x1750	3040
LSMN430BGSE3-6	E3262 LE242	LSA47.2 M7	432	37.0	50.4	87.5	500	BIOG	3470x1250x1900	3650
LSMN550BGSE3-6	E3262 LE202/212	LSA49.3 M6	556	41.0	49.0	90.0	500	BIOG	3620x1250x1900	3950

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LEES Gas Generator Sets

Compact dimension, easy maintenance

LEES series gas generator set is a new type of generator set developed to meet the requirements of world environmental protection and new market.

LEES series gas generator set can provide 15KW-500KW power, which is a new green power replacing fuel and coal burning unit. It has a wide range of output power. LEES series gas generator sets are with reliable start-up and operation, good power generation quality, light weight, small size, simple maintenance, low frequency noise, etc..



Specification

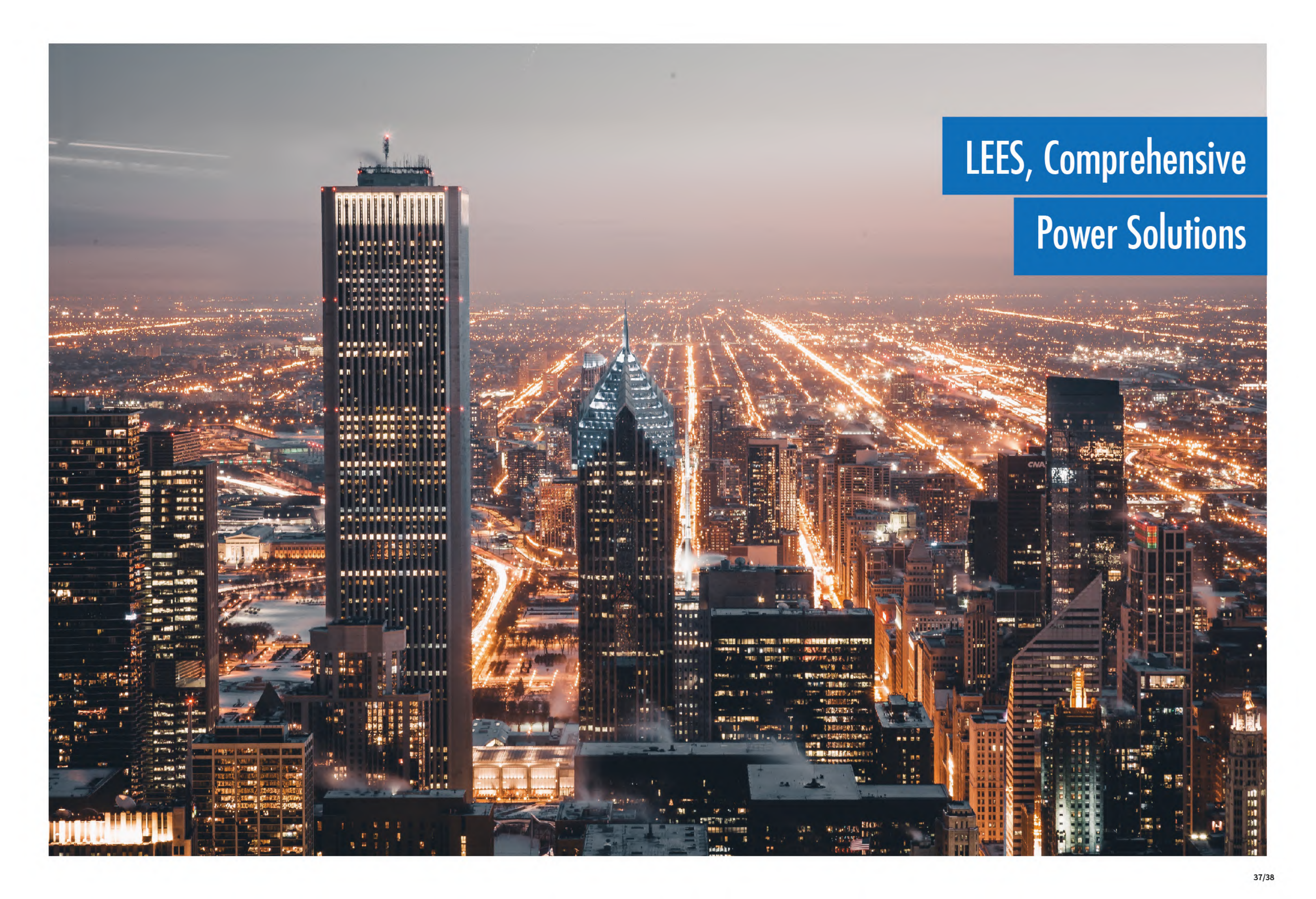
Natural Gas 50&60Hz

Model	Engine	Alternator	Power KW	Dimension LxWxH	Weight Kg
LS15NGSE3	L181GS17	LA184ES	15	1200x630x950	380
LS20NGSE3	L285GS24	LA184F	20	1300x550x980	530
LS30NGSE3	L408GS38	LA224D	30	1620x620x1050	810
LS50NGSE3	L590GS60	LA224F	50	2250x1000x1450	1680
LS60NGSE3	L390GS70	LA224G	60	1800x840x1450	1290
LS90NGSE3	L590GS110	LA274ES	90	2380x1000x1500	1850
LS130NGSE3	L830GS150	LA274G	130	2480x1050x1650	1980
LS160NGSE3	L830GS180	LA274J	160	2480x1050x1850	2130
LS180NGSE3	L890GS200	LA274K	180	2680x1150x1850	2250
LS200NGSE3	L950GS220	LA4D	200	3200x1150x1850	2420
LS220NGSE3	L855GS240	LA4DC	220	3350x1250x1850	3630
LS300NGSE3	L1900GS330	LA4F	300	4300x1600x2060	4430
LS360NGSE3	L2627GS430	LA5D	360	4210x2000x2250	5300
LS500NGSE3	L3800GS550	LA5F	500	4550x2100x2320	7380

Biogas 50&60Hz

Model	Engine	Alternator	Power KW	Dimension LxWxH	Weight Kg
LS10BGSE3	L220GS13	LA164D	10	1300x550x980	530
LS25BGSE3	L280GS32	LA184G	25	1620x750x1050	810
LS40BGSE3	L390GS50	LA224E	40	1800x840x1450	1290
LS60BGSE3	L590GS70	LA224G	60	2380x1000x1500	1850
LS100BGSE3	L830GS120	LA274E	100	2480x1050x1580	1980
LS120BGSE3	L830GS140	LA274G	120	2480x1050x1650	2130
LS140BGSE3	L890GS160	LA274H	140	2680x1150x1700	2250
LS160BGSE3	L950GS180	LA274J	160	3200x1150x1800	2420
LS180BGSE3	L855GS220	LA274K	180	3370x1250x1950	3630
LS240BGSE3	L1900GS330	LA4ES	240	4300x1600x2060	4430
LS400BGSE3	L3800GS550	LA5ES	400	4550x2100x2320	7380

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An aerial night photograph of a city skyline, likely New York City. The image shows a dense cluster of skyscrapers, with the Empire State Building prominently featured in the center. The city is illuminated by numerous lights, and long, bright light trails from traffic are visible on the roads below. The sky is dark, and the overall scene conveys a sense of urban energy and infrastructure.

LEES, Comprehensive Power Solutions