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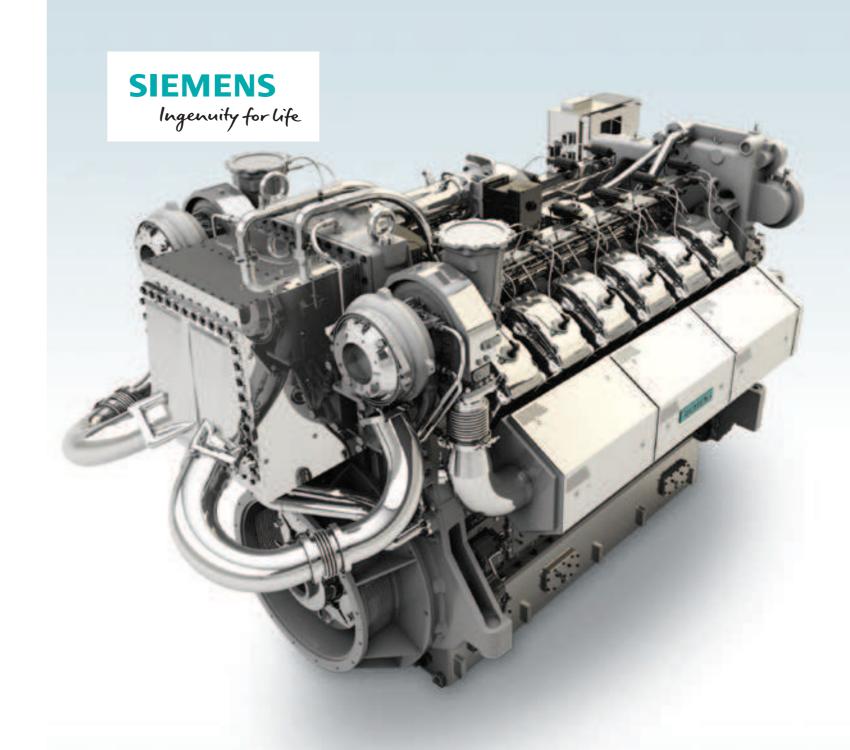
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The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.



Benchmarks in Efficiency

Siemens SGE-EM Gas Engines

siemens.com/e-series-gas-engines

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2 MW-Class | SGE-EM Gas Engines | 2 MW-Class



The best-in-class solution with the best-in-class cycle time

- Robust, compact design provides more relief for long-lasting performance
- Spark-ignited lean-burn unit ensures low emissions
- Innovative pre-combustion chambers provide efficient and stable combustion
- 12 unique high-volume cylinders deliver highest displacement
- Less maintenance compared to 16-cylinder engine options
- Fast cycle times and implementation
- Smallest footprint in the competitive set

CYLINDER ARRANGEMENT	V12	BMEP*	19.2 bar
DISPLACEMENT	86 liters	MECHANICAL EFFICIENCY	46.6%
BORE	195 mm	ELECTRICAL EFFICIENCY	45.4%
STROKE	240 mm	THERMAL EFFICIENCY	43.7%
COMPRESSION RATIO	13.5:1	GLOBAL EFFICIENCY	89.1%
MECHANICAL POWER	2,065 kWb	EXHAUST TEMPERATURE	352 °C
ELECTRICAL POWER	2,012 kWe	NO _x EMISSIONS	500 mg/Nm³

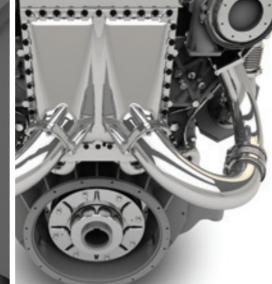
^{*}Brake Mean Effective Pressure

To learn more about the new SGE-EM gas engines from Siemens, visit **siemens.com/e-series-gas-engines**

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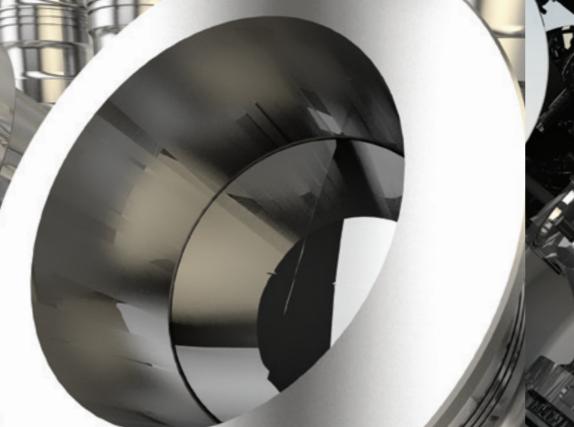










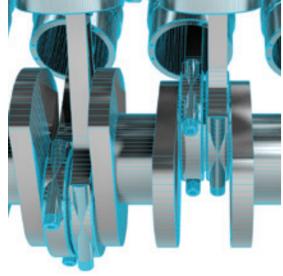


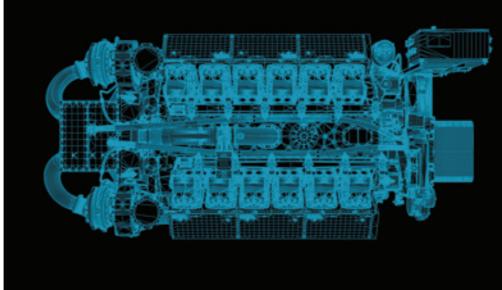


Before today, when it came to 2 MW-class engines, your options were limited. Now, there's a powerful new choice available: the new SGE-EM gas engines from Siemens. The result of years of development, testing, refinement, and innovative engineering, they deliver a number of benefits that make them a true competitive choice.



Economic pressures. Customer demands. Reliability concerns.
Regulatory standards. In the world of power generation, you face plenty of challenges. If you want to successfully overcome them, you need to have the best solution in place. Our new SGE-EM gas engines are your best solution.





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2 MW-Class | SGE-EM Gas Engines | 2 MW-Class

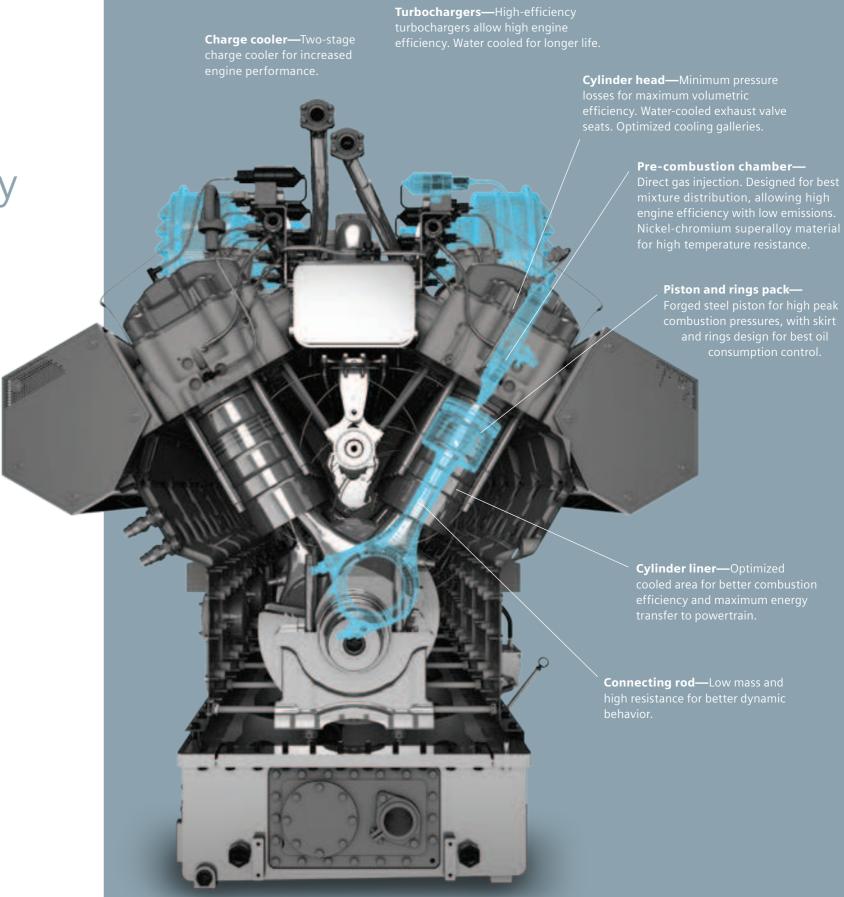
Innovative engine design and combustion technology

At Siemens, we're known for innovation, and the new E-Series engines carry that torch of ingenuity with a unique cylinder design that produces the highest displacement in the 2 MW-class, innovative pre-combustion chambers, spark-ignited lean-burn control capabilities, and a robust overall design that ensures maximum flexibility in a wide variety of conditions.

- Natural gas-powered engines
- Exceptional displacement
- Low maintenance
- Efficient and stable combustion
- Optimized materials

Maximum efficiencies in the smallest footprint.

The new E-Series engines are not only the new competitive choice in the 2 MW-class, they're also the most compact. Their unique ability to deliver high power output with incredibly low emissions helps you create a smaller footprint—both physical and environmental.



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