



## **First gas genset engine from MAN Engines**

Munich, 9/23/2019

### **Unique in the 500 kW power class; for natural gas and special gas; gas engine with complete cooling system**

At PowerGen International 2019, MAN Engines will be presenting a gas genset engine in the 500 kW class for the first time. The MAN E3262 LE252 is a completely new engine development based on the E3262 gas engine platform launched in 2012. MAN Engines is the market leader in gas engines from 50 to 550 kW in Germany and, with its engines for cogeneration plants, has played a key role in shaping the energy revolution with CHP (combined heat and power) applications. MAN Engines Head of Power Günther Zibes comments: "With our new gas genset engine, we are responding to rising international market demands for power-only generation. That also includes the increased use of biogas in tropical countries. The E3262 gas genset engine also offers an environmentally friendly alternative to diesel gensets, as no particulate emissions are produced in natural gas operating mode."

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The genset can be used, with no change in output, for all applications from emergency standby power (ESP) and prime running power (PRP) to continuous operation (COP). Using the optional 250 mg NOx emissions variant, the addition of a low-cost oxidizing catalytic converter enables compliance even with the stringent EU-wide MCP Directive.

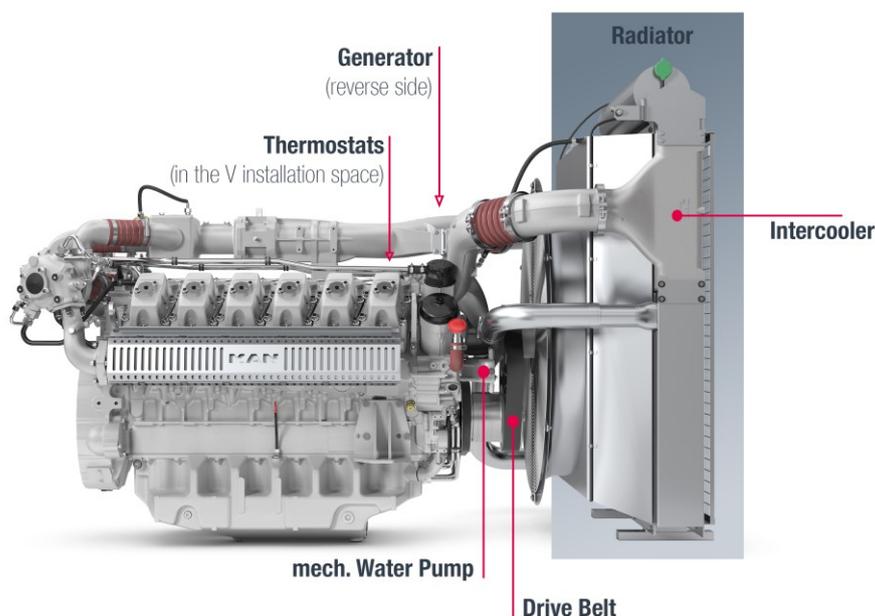
The E3262 LE252 is designed as a gas-powered V12 four-stroke SI engine with a capacity of 25.8 liters. The gas genset engine is a lean-burn gasoline engine featuring twin turbochargers ( $\lambda > 1$ ), which provides better loading than a single turbocharged engine. The gas genset engine generates up to 500 kW<sub>el</sub> at 1500 rpm (50 Hz) and 1800 rpm (60 Hz). Optimization of the engine for natural gas and special gas/biogas gives operators flexibility, as they can use it to suit the fuel planned for a specific

MAN Truck & Bus is one of Europe's leading commercial vehicle manufacturers and transport solution providers, with an annual revenue of some 11 billion euros (2018). The company's product portfolio includes vans, trucks, buses/coaches and diesel and gas engines along with services related to passenger and cargo transport. MAN Truck & Bus is a company of TRATON SE and employs more than 36,000 people worldwide.

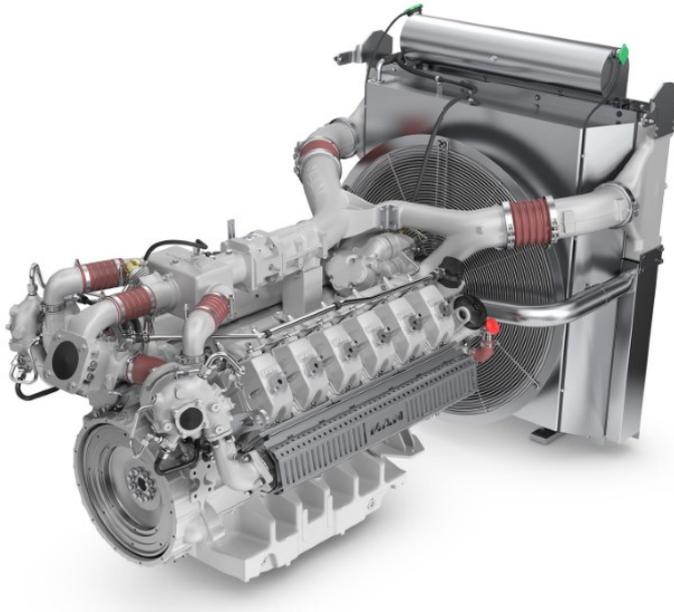
project. The mechanical efficiency is 40.1% in the natural gas variant in 50 Hertz operation, and 40.0% in the special gas variant. At 60 Hertz, this corresponds to 37.9% in the natural gas variant, and 36.4% in the special gas variant.

MAN Engines offers the E3262 LE252 gas genset engine with an enhanced standard supply package featuring a complete cooling system. It consists of a front-mounted cooler, thermostats, generator, pressure fan and mechanically driven coolant pump. The advantages of the mechanically driven system compared to an electronic system are clear in terms of cost, as well as its ease of technical installation by the packager.

MAN Engines will be presenting its products and solutions for electricity and combined heat and power generation at stand 4319 at PowerGen International in New Orleans, LA, USA from November 19 to 21, 2019.



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