

NEWS RELEASE

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MTU Onsite Energy's new 550 kW prime-rated power module features operational flexibility and MTU's Series 1600 engine

The self-contained package is easy to transport, set up and integrate in mobile, rental and emergency power applications.

MANKATO, Minnesota -- The new 550 kW prime-rated power module from [MTU Onsite Energy](#) is specially designed for maximum application flexibility and debuts as MTU Onsite Energy's introduction to the mobile and rental generator market. The generator is powered by the award-winning MTU 12V 1600 engine. This MTU Onsite Energy unit is prime-rated to an average 24-hour load factor of 75 percent with a varying load, as compared to the typical 70 percent average 24-hour load factor for a most often used for a prime-rated generator set. This makes the MTU Onsite Energy unit ideal for prime, emergency and standby use in demanding applications such as mining, quarrying or powering industrial processes. The sound-attenuated package is fully self-contained for ease of transport, delivery, set up, and power integration in applications involving mobile prime or emergency power.

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“The new 550 kW prime power module from MTU Onsite Energy features the highest fuel efficiency in its class,” says Al Prosser, director of sales, MTU Onsite Energy. “The package is also very easy to operate and service, with simple gauges, digital controls and convenient enclosure access points. The unit has been extensively field-tested and is currently being used to power mobile rock crushing and aggregate loading equipment at [Wendling Quarries](#), one of the largest quarrying companies in the Midwest.” A video of the quarrying application is available at <http://www.youtube.com/user/mtuonsiteenergy#p/u/2/TRr5fZd7gUU>.

The generator set’s flexibility shows through in its user-friendly paralleling capabilities. Centrally located connection points make it easy to integrate the unit with other generator sets when serving larger loads, and digital controls simplify synchronization. The generator set also features switchable 50/60 Hz frequency and switchable voltage settings from 208 volts to 480 volts in the 60 Hz mode. The 50 Hz model operates at 400 volts. A 600 volt non-switchable version is available as well.

The rugged ISO container (CSC certified) is designed for hot, cold and dusty environments and is rated to 50 degrees C. Sound production is limited by the enclosure to 75 dBA at full power. Cooling air is redirected to reduce airflow sound and exhaust noise is reduced by a custom internal silencer. Additional sizes of prime-rated power modules from MTU Onsite Energy will be introduced in the second half of 2011.

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MTU Onsite Energy Corporation

MTU Onsite Energy Corp. is a leading producer of diesel-powered generator sets from 30 to 3,250 kW and natural gas-powered generator sets from 30 to 400 kW for standby, prime power and cogeneration applications. The company also provides automatic transfer switches, paralleling switchgear, controls and accessories for complete power system solutions. Based in Mankato, Minnesota, MTU Onsite Energy Corp. combines the expertise of Katolight and MTU Detroit Diesel Power Generation under one brand to meet the ever-increasing distributed power needs of customers in North America and around the world. MTU Onsite Energy Corp. is part of the Tognum Group's business unit, Onsite Energy and Components. For more information, visit www.mtu-online.com

Tognum

With its two business units, Engines and Onsite Energy & Components, the Tognum Group is one of the world's leading suppliers of engines and propulsion systems for off-highway applications and of distributed energy systems. These products are based on diesel engines with up to 9,100 kilowatts (kW) power output, gas engines up to 2,150 kW and gas turbines up to 45,000 kW.

The product portfolio of the Engines business unit comprises MTU engines and propulsion systems for ships, for heavy land, rail and defense vehicles and for the oil and gas industry. The portfolio of the Onsite Energy & Components business unit includes distributed energy systems of the brand MTU Onsite Energy and fuel-injection systems from L'Orange. The energy systems comprise diesel engines for emergency standby power, prime power and continuous power, as well as cogeneration power plants based on gas engines and gas turbines that generate both power and heat.

In 2010, Tognum generated revenue of around €2.56 billion and employs more than 9,000 people. Tognum has a global manufacturing, distribution and service structure with 25 fully consolidated companies, more than 140 sales partners and over 500 authorized dealerships at approximately 1,200 locations. The shares of Tognum AG (ISIN: DE000A0N4P43) have been stock-exchange listed since 2007 and are included in the MDAX.

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