



Up-To-Date

D - Sales Program

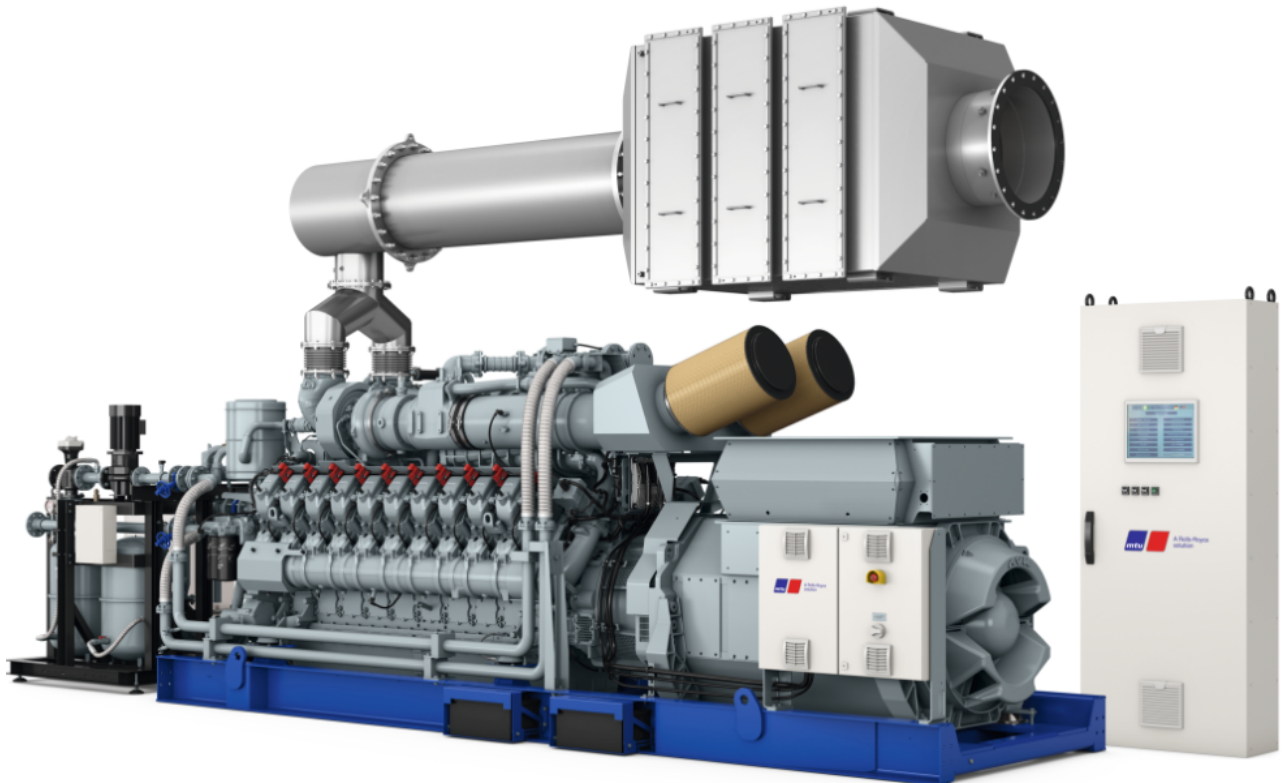
D-2025-0026/00

Release of Biogas for the 20V4000L64FB

☐ Action Required	☒ Information Only	Effective: Immediately		
☒ GlobalOR	☐ North America ☐ Latin America	☐ Eastern Europe / CIS ☐ Mediterranean ☐ Northern / Central Europe ☐ Turkey, Middle East, Africa	☐ China ☐ North East Asia ☐ South East Asia ☐ Australia / Pacific	
☐ Oil & Gas ☐ Mining	☐ Power Generation-Diesel ☒ Power Generation-Gas	☐ Marine ☐ Marine Defense	☐ Rail ☐ Parts/Service	Stationary/Sustainable ☐ Other
☒ Principals	☒ Sales	☒ Parts	☒ Service	☒ Warranty
				☐ Special Distribution List

Rolls Royce Solutions (RRS) is excited to introduce a new Biogas generator set: **mtu 20V4000L64FB**.

This is another great step in the continuous improvement and development of our existing gas portfolio after the release of the **mtu 12V4000L64FB** in 2023 and the **mtu 8V/16V4000L64FB** in 2024.



mtu 20V4000L64FB incl. exhaust gas aftertreatment system (optional)



The **mtu** Series 4000 L64FB is tailored for global use. It is highly robust, with outstanding behavior against derating (ambient temperature/humidity/altitude). The new generator set achieves a power output of more than 2.5MWe (20V4000L64FB) which creates a new power node in the RRS biogas generator set portfolio – along with high electrical and total efficiencies. Compared to the existing S4000L32FB, this means a power increase of 30%. Its compact design ensures the smallest footprint and highest power density in its class. A continuously allowed low load operation to 35% without any restrictions meets the needs and challenges of the modern power industry.

Good serviceability was a top priority in the development of this product. Attractive maintenance intervals and very low oil consumption result in significantly reduced lifecycle costs for the customer. Carry-over parts based on the S4000L64FNER can be used wherever possible. The engine is equipped with sulfur resistant bearings suitable for biogas applications. A highlight is the lifetime of the engine with up to 84,000 operating hours to major overhaul. Additionally, the minor overhaul interval was raised, and the spark plug lifetime increases from 3,000 hours (L32FB) to 5,000 hours (L64FB).

To fulfill the highest emission standards worldwide (e.g. 44. BImSchV in Germany), the generator set can optionally be combined with a suitable exhaust gas aftertreatment system from the RRS product portfolio.

mtu Series 4000 L64FB product models can be selected in IPAS for 50Hz and 60Hz with various voltages.

We would appreciate your feedback regarding this new achievement. Kindly assist us to further improve and align our sales and service product portfolio to meet your market requirements.

Please address any questions regarding this communication to norbert.maier@ps.rolls-royce.com. This communication will be posted on the Business Portal within 24 hours.

This communication was issued by department SBD on May 19, 2025.