



FAST POWER FOR DATA CENTERS – FULL LOAD IN 45 SECONDS.

mtu Gas Fast Start – The next generation of gas generator sets for high-performance applications

Ramp-up your power with the **mtu** Series 4000 L64 gas genset, featuring quick start capabilities to ensure power supply within minimum ramp-up time. The gas genset is designed to meet the demanding needs of modern energy applications, particularly in data centers where every second counts for data security and integrity.

To achieve optimal performance, the system integrates a special turbocharging, delivering immediate power when you need it. With carefully calibrated parameters, the system is engineered to maximize ramp-up speed without compromising engine integrity, ensuring reliability and efficiency.

Key Benefits



Ultra-fast: Only 45 seconds from start signal to full load – ideal for data centers and mission-critical infrastructure



Sustainable: Cleanest fossil fuel, low emissions and CO₂ footprint; can run on renewable gas, low NOx by nature and even better: **mtu** SCR system optional



Cost-efficient: Low lifecycle and maintenance costs, TBO up to 84,000 hours



Reliable: Special turbocharger, software and gas supply design maximize ramp-up speed without compromising engine integrity



UL listing



Power output up to 2,8 MWe



Black start capability



No gearbox required (space saving) – best power density in class



Great transient performance and load step capability

Applications

- Data centers: Meet emission regulations to obtain building permits and enable larger facilities
- Grid support: 60 Hz (North America) and 50 Hz (120-sec version)
- Mobile/Rental solutions: Temporary bridge power for continuous supply
- Mission-critical infrastructure: Airports, military, other high-security sites

Availability

- 120-second Fast Gas: 50 & 60 Hz for all Series 4000 models – available now
- 45-second Fast Gas: 60 Hz, 20V 4000 L64, approx. 2.8 MW – market launch 2026

Get in touch with us for more information and tailored support
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Scan the QR-Code & get more information