

## TCG 3020 50Hz

PERFORMANCE DATA SHEET

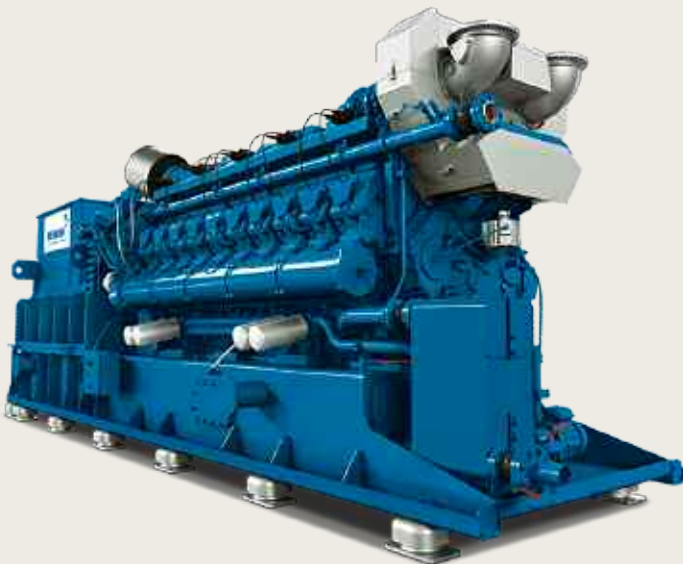
### THE ALL-ROUND TALENT

Natural Gas Applications ( $\text{NO}_x \leq 500\text{mg/Nm}^3$  \*) – Power Data 50 Hz

Engine Type	TCG 3020 v20 P1	TCG 3020 V20 P2
Electrical Power	2,300kWe	2,300kWe
Electrical Efficiency**	45.0%	44.0%
Thermal Efficiency***	42.3%	43.6%
Major Overhaul	Up to 80,000 operational hours	Up to 80,000 operational hours
Lube Oil Consumption	0.15 g/kWh	0.15 g/kWh
Overall Efficiency	87.3%	87.6%

Biogas, landfill and sewage gas applications ( $\text{NO}_x \leq 500\text{mg/Nm}^3$  \*) – Power Data 50 Hz

Engine Type	TCG 3020 v20 X 3
Electrical Power	2,300kWe
Electrical Efficiency**	43.6%
Thermal Efficiency***	42.9%
Major Overhaul	Up to 64,000 operational hours
Lube Oil Consumption	0.15 g/kWh
Overall Efficiency	86.5%



\*5%  $\text{O}_2$  and dry exhaust gases  
 \*\*According to ISO 8528  
 \*\*\* Thermal output  $\pm 8\%$

The values given in this data sheet are for information only and are not binding. The information given in the offer is authoritative.

1 Optimised for high electrical efficiency  
 2 Optimised for high total efficiency  
 3 Optimised for operation with all biogases