

New from Stewart & Stevenson

Gaseous Fueled Power Generation

Prime Power

Combined Heat and Power Applications

Powered by:

- MTU Onsite Energy Series 4000 Natural Gas Engine
 - Electric Output 764 – 1930 kW
- MTU Onsite Energy Series 400 Natural Gas Engine
 - Electric Output 128 – 354 kW

Natural Gas – Non CHP Systems

Focus on Electricity Generation

Applications

- Peaking Plants
- Electrical Power Generation (IPP)
- Industrial Applications
- Containerized Solutions
- Wind / Gas Hybrid

Benefits

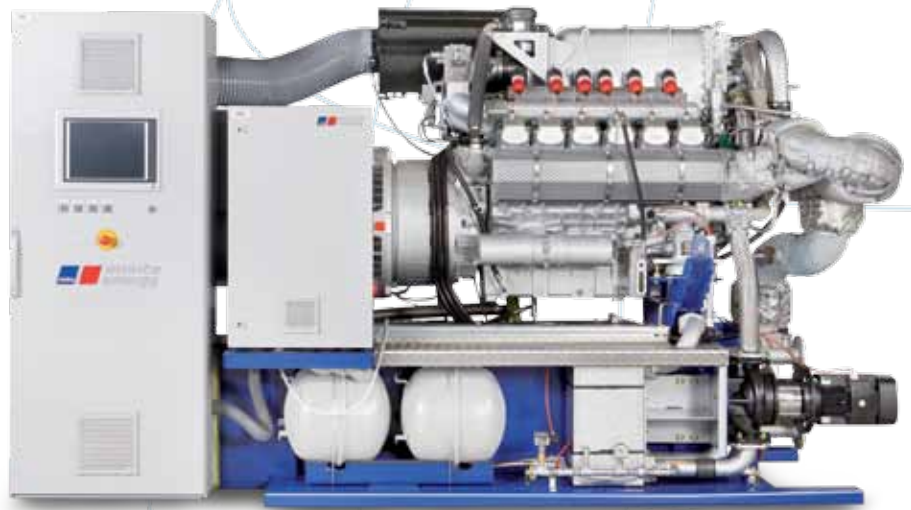
- Efficient – low fuel consumption
- Economical – low life cycle costs
- Eco-friendly – low emissions
- Independent – reliable supply

Technical Features

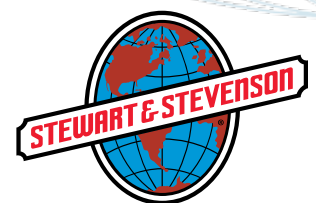
- Skid mounted genset
- Flexible coupling between engine and 480V alternator (2 bearing)
- Base frame
- Gas train (delivered loose) and hose
- MMC-panel
- Emission level acc. to 40CFR 60 JJJJ Table 1

Additionally for Series 4000 GB

- Step up gearbox between engine and alternator



See Back For Product Specifications



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Product Portfolio

PRODUCT PORTFOLIO S400

Version	Gas	Engine Power (kW)	El. Efficiency (%)	El. Output (kWe)	Total Energy Input (kBTU/hr)
GB/GR 128N6	NG	135	33.7	128	1,298
GB/GR 180N6	NG	190	32.5	180	1,889
GB/GR 248N6	NG	260	33.6	248	2,501
GB/GR 354N6	NG	370	33.8	354	3,579
GB/GR 200B6	BG	210	35.8	200	1,907
GB/GR 350B6	BG	366	34.9	350	3,419



MMC MTU Module Control Series 400 Only

Features

- Speed control
- Power control
- Lambda control
- Knocking control
- Dual fuel operation (gas)
- Start-Stop procedure
- Synchronizing
- Mains & generator protection
- Power export control
- Island operation
- Safety chain
- Jacket water control & preheating
- Heating water control
- Intercooler coolant control
- Emergency cooling water control
- Heating water reservoir
- Boiler selection
- Room temperature control
- Lube oil system control
- Valve flap control (exhaust & bypass)
- Data logger
- M-Graph
- SMS Email client
- Language selection & user level
- Remote monitoring & diagnostic
- Customer interfaces (e.g. Profibus DP)
- Clock timer & counter evaluation

PRODUCT PORTFOLIO S4000

Version	Engine Power (kW)	Efficiency Gearbox (%)	Power at Gearbox (kW)	Efficiency Generator (pf1, 480V)(%)	Power Output (kW)	Total Energy Input (kBTU/hr)	El. Efficiency (%)
GB/GR20V4000L62	2,000	99.40	1,988	97.10	1,930	15,986	41.20
GB/GR16V4000L62	1,600	99.34	1,589	97.30	1,547	12,847	41.08
GB/GR12V4000L62	1,200	99.10	1,189	97.30	1,157	9,629	41.00
GB/GR8V4000L62	800	98.90	791	96.50	764	6,425	40.55

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