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
Product Portfolio

**PRODUCT PORTFOLIO S400**

<table>
<thead>
<tr>
<th>Version</th>
<th>Gas</th>
<th>Engine Power (kW)</th>
<th>El. Efficiency (%)</th>
<th>El. Output (kWe)</th>
<th>Total Energy Input (kBTU/hr)</th>
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</thead>
<tbody>
<tr>
<td>GB/GR 128N6</td>
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**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**

<table>
<thead>
<tr>
<th>Version</th>
<th>Engine Power (kW)</th>
<th>Efficiency Gearbox (%)</th>
<th>Power at Gearbox (kW)</th>
<th>Efficiency Generator (pf1, 480V)(%)</th>
<th>Power Output (kW)</th>
<th>Total Energy Input (kBTU/hr)</th>
<th>El. Efficiency (%)</th>
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