The engine with integrated oil cooling system.

These are the characteristics of the 2011 Gen:

- 2, 3 and 4 cylinder naturally aspirated in-line engines.
- 4 cylinder model also with turbocharging.
- Displacement: 0.78 l/cylinder.
- Integrated oil-cooling (engine is delivered complete with cooler).
- Acoustically optimized crankcase.
- All service points on the same engine side.
- Electronic engine governor (option).
- Compact design and low weight.
- Worldwide service network with over 1,000 locations.

Your benefits:

- Low noise emission, cost savings as no noise attenuation measures are required.
- Long service intervals: 1,000-hour oil change intervals and low fuel consumption bring savings in operating costs.
- Low installation costs.
- Excellent load takeover characteristics ensure prompt power supply.
- Combined oil cooling and lubrication prevents corrosion and cavitation.
- High reliability and durability together with reduced maintenance requirement and wear parts.
### Rating table: 2011. The Genset Engine. 50 Hz

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<tr>
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<td>Speed</td>
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<td>rpm</td>
<td>1500</td>
<td>1500</td>
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<tr>
<td>Frequency</td>
<td>Hz</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

#### Engine/genset ratings

1) Continuous power, ICN (COP)²
   - kW | hp  | 11.4 | 15.5 |
2) Prime power, ICN (PRP)³
   - kW | hp  | 12.0 | 16.3 |
3) Limited-time running power, IFN (LTP)⁴
   - kW | hp  | 12.6 | 17.1 |

#### Typical generator power output

1) Typical generator power output (COP)⁵
   - kVA  | 11.8  | 19.0  | 28.5  | 38.0  |
2) Typical generator power output (PRP)⁵
   - kVA  | 12.5  | 20.0  | 30.0  | 40.0  |
3) Typical generator power output (LTP)⁵
   - kVA  | 13.1  | 20.9  | 31.5  | 42.0  |

#### Spec. fuel consumption PRP (LTP)⁶

- 100% load g/kWh | lb/hp-hr: 235 | 0.381 | 225 | 0.365 | 215 | 0.348 | 220 | 0.356 | 220 | 0.356
- 75% load g/kWh | lb/hp-hr: 245 | 0.397 | 230 | 0.373 | 225 | 0.356 | 225 | 0.365
- 50% load g/kWh | lb/hp-hr: 270 | 0.437 | 260 | 0.421 | 235 | 0.381 | 235 | 0.381
- 25% load g/kWh | lb/hp-hr: 400 | 0.648 | 450 | 0.729 | 350 | 0.567 | 320 | 0.518

1) Possibly power reduction depending on altitude and temperature. Please contact DEUTZ.
2) Continuous power 100%, available at flywheel, no time limitation, plus 10% extra power for governing purposes.
3) Prime power 100%, mean power output 60%, no time limitation, plus 5% extra power for governing purposes.

### Rating table: 2011. The Genset Engine. 60 Hz

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<tbody>
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<td>rpm</td>
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<td>1800</td>
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<tr>
<td>Frequency</td>
<td>Hz</td>
<td>60</td>
<td>60</td>
<td>60</td>
</tr>
</tbody>
</table>

#### Engine/genset ratings

1) Continuous power, ICN (COP)²
   - kW | hp  | 13.6 | 18.5 |
2) Prime power, ICN (PRP)³
   - kW | hp  | 14.3 | 19.4 |
3) Limited-time running power, IFN (LTP)⁴
   - kW | hp  | 15.1 | 20.5 |

#### Typical generator power output

1) Typical generator power output (COP)⁵
   - kVA/kWe  | 14.3/11.3 | 22.5/18.0 | 33.8/27.0 | 45.0/36.0 |
2) Typical generator power output (PRP)⁵
   - kVA/kWe  | 14.9/11.9 | 23.8/19.0 | 35.6/28.5 | 47.4/38.0 |
3) Typical generator power output (LTP)⁵
   - kVA/kWe  | 15.7/12.5 | 25.0/20.0 | 37.4/30.0 | 49.9/40.0 |

#### Spec. fuel consumption PRP (LTP)⁶

- 100% load g/kWh | lb/hp-hr: 235 | 0.381 | 225 | 0.365 | 220 | 0.356 | 220 | 0.356
- 75% load g/kWh | lb/hp-hr: 245 | 0.397 | 230 | 0.373 | 225 | 0.356 | 225 | 0.365
- 50% load g/kWh | lb/hp-hr: 270 | 0.437 | 260 | 0.421 | 235 | 0.381 | 235 | 0.381
- 25% load g/kWh | lb/hp-hr: 400 | 0.648 | 450 | 0.729 | 350 | 0.567 | 320 | 0.518

1) Possibly power reduction depending on altitude and temperature. Please contact DEUTZ.
2) Continuous power 100%, available at flywheel, no time limitation, plus 10% extra power for governing purposes.
3) Prime power 100%, mean power output 60%, no time limitation, plus 5% extra power for governing purposes.

#### Standard specification

- **Standard engine**: Flywheel housing SAE 4 (5 for n = 3000 min⁻¹ | rpm); flywheel with 6.5° connection.
- **Cooling system**: Integrated cooling system, V-belt guard.
- **Filter**: Dry air cleaner with mechanical restriction indicator, fuel filter.
- **Engine electrics**: Alternator 14 V, 60 A; starter motor with 12 V, 2.2 kW.
- **Governor**: Mechanical (Bosch).

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