The engine with integrated cooling system.

These are the characteristics of the 912 Gen:

- 3, 4, 6 cylinder naturally aspirated in-line engines.
- Displacement: 0.94 l/cylinder.
- Unit construction system with individual cylinders.
- Advanced injection and combustion system.
- Electronic governor (BC or GAC) as option.
- Worldwide proven: Over 3.0 million engines in service.
- Only a few service points.
- Powerful and compact, low weight.
- Global service network with over 1,000 locations.

Your benefits:

- Space-saving and cost-effective installation thanks to integrated cooling system.
- Low maintenance requirements together with legendary durability.
- High quality combined with highly matured, simple configuration.
- Outstanding load acceptance ensures immediate power supply.

Dimensions and weights

**F 3L 912**
- Length: mm | inch 670 | 26.4
- Width: mm | inch 704 | 27.7
- Height: mm | inch 795 | 31.3
- Weight: kg | lb 351 | 774

**F 4L 912**
- Length: mm | inch 777 | 30.6
- Width: mm | inch 704 | 27.7
- Height: mm | inch 796 | 31.3
- Weight: kg | lb 402 | 886

**F 6L 912**
- Length: mm | inch 1057 | 41.6
- Width: mm | inch 704 | 27.7
- Height: mm | inch 806 | 31.7
- Weight: kg | lb 541 | 1193
## Rating table: 912. The Genset Engine. 50/60 Hz

<table>
<thead>
<tr>
<th>Engine type</th>
<th>F 3L 912</th>
<th>F 4L 912</th>
<th>F 6L 912</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed (min⁻¹/rpm)</td>
<td>1500</td>
<td>1800</td>
<td>1500</td>
</tr>
<tr>
<td>Frequency (Hz)</td>
<td>50</td>
<td>60</td>
<td>50</td>
</tr>
</tbody>
</table>

**Engine/genset ratings**

1. Continuous power, ICN (COP)²
2. Prime power, ICN (PRP)³
3. Limited-time running power, IFN (LTP)⁴

<table>
<thead>
<tr>
<th>Speed</th>
<th>F 3L 912</th>
<th>F 4L 912</th>
<th>F 6L 912</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500</td>
<td>33.5</td>
<td>29</td>
<td>38.9</td>
</tr>
<tr>
<td>1800</td>
<td>34.9</td>
<td>30</td>
<td>40.9</td>
</tr>
</tbody>
</table>

**Typical generator power output**

1. Typical generator power output (COP)⁵
2. Typical generator power output (PRP)⁵
3. Typical generator power output (LTP)⁵

<table>
<thead>
<tr>
<th>Speed</th>
<th>F 3L 912</th>
<th>F 4L 912</th>
<th>F 6L 912</th>
</tr>
</thead>
<tbody>
<tr>
<td>1500</td>
<td>26</td>
<td>32</td>
<td>42.9</td>
</tr>
</tbody>
</table>

**Spec. fuel consumption (COP)⁶**

<table>
<thead>
<tr>
<th>Load</th>
<th>F 3L 912</th>
<th>F 4L 912</th>
<th>F 6L 912</th>
</tr>
</thead>
<tbody>
<tr>
<td>100%</td>
<td>215</td>
<td>223</td>
<td>223</td>
</tr>
<tr>
<td>25%</td>
<td>344</td>
<td>372</td>
<td>372</td>
</tr>
</tbody>
</table>

1. Possibly power reduction depending on altitude and temperature. Please contact DEUTZ.
2. Continuous power 100 % available at flywheel, 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.
4. Limited-time running power 100 %, which must be available during 500 running hrs/year, thereof max. 300 running hrs/year continuously, no overload permissible; the required extra power for governing purposes must be taken into account however.
5. Taking into account typical generator efficiency of 93 % and power factor cos(Ø) = 0.8.
6. For fuel specification see operation manual.

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**Standard specification**

- **Standard engine:** Flywheel housing SAE 3, flywheel wit 8"/10" connection.
- **Cooling system:** Integrated cooling system, V-belt guard.
- **Exhaust system:** Exhaust manifold with elbow, counterflange (loose).
- **Filter:** Dry-air cleaner with mech. restriction indicator, fuel filter.
- **Engine electrics:** Alternator 14 V, 55 A; starter motor with 12 V, 3 kW.
- **Governor:** Mechanical (Bosch, RSV) or electronic (BC or GAC).

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**DEUTZ AG**
DEUTZ MOTOR
Deutz-Mülheimer Str. 147-149
D-51063 Köln
Phone: + 49 (0) 2 21-8 22-0
Fax: + 49 (0) 2 21-8 22-25 68
Internet: www.deutz.de
eMail: info@deutz.de