<table>
<thead>
<tr>
<th>Standby</th>
<th>Prime</th>
</tr>
</thead>
<tbody>
<tr>
<td>KVA</td>
<td>KW</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Stamford Power**: Generator

**Lovol**: Diesel Motor

**Diesel Generator**: 100 KVA
1006TG1A GENSET POWER

High Power Density
More power output than competing products with close displacement, the power of 3-cylinder engine can reach the same level as 4-cylinder ones of competitor.

Low Fuel Consumption
The excellent combustion system can reduce fuel consumption, emission and noise, meanwhile increase engine power output.

Easy maintenance
Single side servicing for reduced service time and cost.

Durability & Reliability
Start normally at -10°C without preheated device, start smoothly at -25°C through flame glow plug cold start aid.
Maximum cooling efficiency is provided by a gear driven water pump and independent fan drive.
Leak free operation is ensured by Viton crankshaft seals and sophisticated controlled swell joints, giving protection in the toughest conditions.

### Power Generation Application

#### Engine Speed (rev/min)

<table>
<thead>
<tr>
<th>Type of Operation</th>
<th>Engine Power</th>
<th>Typical Generator Output (Net)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gross</td>
<td>Net</td>
</tr>
<tr>
<td><strong>1500</strong> Prime Power</td>
<td>86.3</td>
<td>115.7</td>
</tr>
<tr>
<td>Standby Power</td>
<td>94.9</td>
<td>127.3</td>
</tr>
<tr>
<td><strong>1800</strong> Prime Power</td>
<td>101.6</td>
<td>136.2</td>
</tr>
<tr>
<td>Standby Power</td>
<td>111.7</td>
<td>149.8</td>
</tr>
</tbody>
</table>

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INHERITING FORM THE WORLD’S LEADING TECHNOLOGY

LOVOL ENGINES

1000 Series  1006TG1A

Standard Specification

Air inlet
- Mounted air filter and turbocharger

Fuel system
- In-line fuel injection pump
- Spin-on full flow fuel oil filters and pre-filter

Lubrication system
- Flat bottomed aluminium sump
- Spin-on full flow oil filters
- Oil cooler

Cooling system
- Thermostat controlled cooling system with gear driven water pump
- 22" belt-driven pusher fan and guards

Electrical system
- 12 volt starter motor and alternator
- 12 volt oil Pressure and coolant temperature switches
- 12 volt shut down solenoid

Flywheel and housing
- High inertia flywheel to SAE3 size 10/11

Mountings
- Front engine mounting bracket

Optional Equipment
- 24 volt alternator
- 24 volt starter motor
- Rear engine mountings
- Workshop manual

General Data

Cylinder number
6 in-line

Cylinder arrangement
Vertical in-line

Bore×stroke
100 mm×127 mm

Displacement
5.99 liters

Induction
Turbocharged

Cycle
4-stroke

Combustion system
Direct injection

Compression ratio
17.5:1

Direction of Rotation
Anti-clockwise viewed on flywheel

Lub. System Capacity
16.1 liters

Coolant capacity
29.5 liters

(inc. radiator)

Length
1484mm

Width
740 mm

Height
1107 mm

Dry weight
710 kg

Final weight and dimensions will depend on final specification.

Distributed by

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