

# GenSet



## MG 150 S-P



**GEN SET S.p.a.**

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**SILENCED POWER GENERATOR  
OUTPUT POWER 150 KVA THREE-PHASE AND 50 KVA SINGLE-PHASE  
DIESEL ENGINE 1500 RPM**

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Standard Features</b>                       | <ul style="list-style-type: none"> <li>+ Controller with digital display for full monitoring of generator parameters:<br/>3-phase generator voltage, 3-phase mains voltage, battery voltage, ammeter, frequency, hour meter, oil pressure, engine temperature, fuel level, fail to start;<br/>with auto engine protection shutdown system in case of: <ul style="list-style-type: none"> <li>- fail to start</li> <li>- emergency stop</li> <li>- low oil pressure</li> <li>- low fuel level</li> <li>- high coolant temperature</li> <li>- oil pressure sender open circuit</li> <li>- over/under voltage</li> <li>- over/under frequency</li> <li>- open door</li> </ul> </li> <li>+ Foreseen for AMF-ATS or Remote control operation</li> </ul> |  | <ul style="list-style-type: none"> <li>+ 12 V built-in battery</li> <li>+ 1 x 400V three-phase output</li> <li>+ Power output protection</li> <li>+ Earth leakage relay</li> <li>+ Emergency stop button</li> <li>+ Automatic voltage regulator</li> <li>+ Engine oil drain manual pump</li> <li>+ Central lifting eye</li> <li>+ Fork-lift pockets</li> </ul> |
| <b>Options</b><br>available as factory options | <ul style="list-style-type: none"> <li>+ Open version</li> <li>+ Versions with different voltages</li> <li>+ 60Hz version</li> <li>+ Set mounted distribution board with three/single-phase outlets protected by Circuit Breakers</li> <li>+ Electronic frequency regulator</li> <li>+ Spark arrester muffler</li> <li>+ Engine heater</li> <li>+ Bunded base to retain all liquids</li> <li>+ Separate tank facility c/w quick release coupling</li> <li>+ Long run fuel tank (24h) complete with bunded base</li> </ul>                                                                                                                                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                |
| <b>Accessories on request</b>                  | <ul style="list-style-type: none"> <li>+ Auto Transfer Switch (ATS) panel complete with battery charger for auto-start operation</li> <li>+ Remote Start/Stop kit by cable (20/50 m)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                |
| <b>Noise level</b>                             | + Lwa 97 (72 dB at 7 m)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                |
| <b>AC generator - 50Hz</b>                     | <ul style="list-style-type: none"> <li>+ Type: synchronous</li> <li>+ Three-phase power (stand-by): 150kVA - 400V</li> <li>+ Three-phase power (prime): 136kVA - 400V</li> <li>+ Single-phase power (max.): 50kVA - 230V</li> <li>+ Power factor: <math>\cos \phi</math> 0,8</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                |
| <b>Diesel Engine 1500 rpm</b>                  | <ul style="list-style-type: none"> <li>+ Type: Perkins 1106A-70TG1 - turbocharged - 6 cyl. - 7010 cm<sup>3</sup></li> <li>+ Max power: 176 hp (131,4 kWm)</li> <li>+ Starting system: electric (12Vdc)</li> <li>+ Cooling system: water</li> <li>+ Fuel consumption @ 75%: 22,7 l/h</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                |
| <b>Other features</b>                          | <ul style="list-style-type: none"> <li>+ Insulation Class: H</li> <li>+ Ambient temperature: 40 °C (*)</li> <li>+ Altitude: 1000 m (*)</li> <li>+ Mechanical Protection: IP 23</li> <li>+ Fuel tank capacity: 300 l</li> <li>+ Dimensions (L x W x H): 2953 x 1142 x 1765 mm</li> <li>+ Dry weight: 2000 kg</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                |

(\*) - For altitude and temperature values higher than those listed above, please consult the manufacturer to verify the available power.

In line with our continued development, innovation and voice of costumer program, we reserve the right to change data without notice.