

# GenSet



## MG 150 SS-P

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SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER

150 KVA THREE-PHASE AND 50 KVA SINGLE-PHASE / DIESEL ENGINE 1500 RPM

<b>Gen Set Features</b>	<ul style="list-style-type: none"> <li>+ GC1F controller with AMF function</li> <li>+ DAS, auto engine protection shutdown system with warning lights in case of:               <ul style="list-style-type: none"> <li>- battery charger failure</li> <li>- high coolant temperature</li> <li>- low fuel level</li> <li>- low oil pressure</li> <li>- over/under speed</li> <li>- over/under voltage</li> <li>- over current</li> <li>- over load</li> </ul> </li> <li>+ Generator electric measures:               <ul style="list-style-type: none"> <li>- 3 voltmeter (phase-phase; phase-neutral)</li> <li>- 3 ammeters</li> <li>- 3 wattmeter</li> <li>- frequencymeter</li> <li>- power measurements (kW/kVAr/kVA/kWh)</li> <li>- power factor (cos<math>\phi</math>)</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>+ Hourmeter</li> <li>+ Fuel level gauge</li> <li>+ Water temperature gauge</li> <li>+ Emergency STOP button</li> <li>+ Earth leakage circuit breaker</li> <li>+ 4 poles main circuit breaker</li> <li>+ Bunded base to retain all liquids</li> <li>+ ATS/Remote control terminal board</li> <li>+ Automatic Voltage Regulator</li> <li>+ Automatic Frequency Regulator</li> <li>+ Three-phase output terminal board</li> <li>+ Manual oil sump pump</li> <li>+ Fuel/Water separator</li> <li>+ Central lifting eye</li> <li>+ Fork-lift pockets</li> <li>+ Mains electric measures:               <ul style="list-style-type: none"> <li>- 3 voltmeter (phase-phase; phase-neutral)</li> <li>- mains frequencymeter</li> </ul> </li> </ul>
<b>Gen Set Options</b> (available as factory options)	<ul style="list-style-type: none"> <li>+ 60 Hz version</li> <li>+ Versions with different voltages</li> <li>+ Engine water heaters powered by mains 230 V - 50 Hz</li> <li>+ Spark arrester muffler</li> <li>+ Set mounted distribution board with three/single-phase outlets protected by circuit breakers</li> <li>+ Separate tank facility c/w quick release coupling</li> </ul>	
<b>Accessories on Request</b>	<ul style="list-style-type: none"> <li>+ Remote Start/Stop kit by cable (20/50 m)</li> <li>+ ATS panel for auto start operation</li> </ul>	
<b>Noise Level</b>	+ Lwa 94 (69 dB a 7 m)	
<b>AC Generator 50 Hz</b>	<ul style="list-style-type: none"> <li>+ Type: synchronous</li> <li>+ Three-phase power (stand by): 150 kVA - 400 V</li> <li>+ Three-phase power (prime): 136 kVA - 400 V</li> </ul>	<ul style="list-style-type: none"> <li>+ Single-phase power (max.): 50 kVA - 230 V</li> <li>+ Power Factor: cos<math>\phi</math> 0,8</li> </ul>
<b>Diesel Engine 1500 rpm</b>	<ul style="list-style-type: none"> <li>+ Type: Perkins 1106C-E66TAG2 - turbocharged 6 cyl. 187 HP (137,5 kWm) - 6600 cm<sup>3</sup></li> <li>+ Fuel: diesel</li> <li>+ Cooling system: water</li> </ul>	<ul style="list-style-type: none"> <li>+ Starting system: electric</li> <li>+ Fuel tank capacity: 565 l</li> <li>+ Fuel consumption @ 75%: 24,3 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 mt</li> <li>+ Mechanical Protection: IP 23</li> </ul>	<ul style="list-style-type: none"> <li>+ Dimensions (L x W x H): 3560 x 1303 x 2021 mm</li> <li>+ Dry weight: 2640 kg</li> <li>+ Total weight: 3120 kg</li> </ul>

Generator set in designed to operate in ambient temperatures up to 40 °C and 1000 mt altitude - For higher values of temperatures and altitudes please consult factory to check available power.