

# GenSet



## MG 50 S-P



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SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER 50 KVA  
THREE-PHASE AND 16,5 KVA SINGLE-PHASE / DIESEL ENGINE 1500 RPM

<b>Gen Set Features</b>	<ul style="list-style-type: none"> <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>- overspeed</li> </ul> </li> <li>+ Set mounted distribution board with three and single-phase outlets protected by Circuit Breakers and ELCB</li> <li>+ AMF connector / RC connector</li> <li>+ 12 V built-in battery with electric start</li> </ul>	
<b>Gen Set Options</b> (available as factory options)	<ul style="list-style-type: none"> <li>+ Engine hourmeter</li> <li>+ Fuel level gauge</li> <li>+ Fuel/Water separator</li> <li>+ Emergency STOP button</li> <li>+ Voltmeter with phase to phase selector switch</li> <li>+ Frequency meter</li> <li>+ Automatic Voltage Regulator (AVR)</li> <li>+ Manual oil sump pump</li> <li>+ Central lifting eye</li> <li>+ Fork-lift pockets</li> </ul>	
<b>Accessories on Request</b>	<ul style="list-style-type: none"> <li>+ 60 Hz version</li> <li>+ Versions with different voltages</li> <li>+ Electronic frequency regulator</li> <li>+ Engine water heaters powered by mains 230 V - 50 Hz</li> <li>+ Spark arrester muffler</li> <li>+ Long run fuel tank (24h) complete with bunded base</li> <li>+ Separate tank facility c/w quick release coupling</li> </ul>	
<b>Noise Level</b>	<ul style="list-style-type: none"> <li>+ Two-wheels site tow undercarriage (GRT2W)</li> <li>+ Remote Start/Stop kit by cable (20 m)</li> <li>+ AMF/ATS panel for auto start operation</li> <li>+ Bunded base to retain all liquids</li> </ul>	
<b>AC Generator 50 Hz</b>	<ul style="list-style-type: none"> <li>+ Lwa 96 (71 dB a 7 m)</li> </ul>	
<b>Diesel Engine 1500 rpm</b>	<ul style="list-style-type: none"> <li>+ Type: synchronous</li> <li>+ Three-phase power (stand by): 50 kVA - 400 V</li> <li>+ Three-phase power (prime): 45 kVA - 400 V</li> <li>+ Single-phase power (max.): 16,5 kVA - 230 V</li> <li>+ Power Factor: <math>\cos \phi</math> 0,8</li> </ul>	
<b>Other Features</b>	<ul style="list-style-type: none"> <li>+ Type: Perkins 1103C-33TG3 - turbocharged - 3 cyl. 63,2 HP (46,5 kWm) - 3300 cm<sup>3</sup></li> <li>+ Fuel: diesel</li> <li>+ Cooling system: water</li> <li>+ Starting system: electric</li> <li>+ Fuel tank capacity: 93 l</li> <li>+ Fuel consumption @ 75%: 8 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> <li>+ Dimensions (L x W x H): 1972 x 900 x 1433 mm</li> <li>+ Dry weight: 1075 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.