

# GenSet



## MG 450 S-I



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

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## MG 450 S-I

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER 440 KVA  
THREE-PHASE AND 146,6 KVA SINGLE-PHASE / DIESEL ENGINE 1500 RPM

<b>Gen Set Features</b>	<ul style="list-style-type: none"> <li>+ Controller with digital display for full monitoring of generator parameters: 3-phase generator voltage, 3-phase mains voltage, battery voltage, ammeter, frequency, hour meter, oil pressure, engine temperature, fuel level, fail to start;</li> <li>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> </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> </ul>
<b>Accessories on Request</b>	<ul style="list-style-type: none"> <li>+ Remote Start/Stop kit by cable (20/50 m)</li> <li>+ Auto Transfer Switch (ATS) panel complete with battery charger for auto-start operation</li> </ul>
<b>Noise Level</b>	<ul style="list-style-type: none"> <li>+ Lwa 97 (72 dB a 7 m)</li> </ul>
<b>AC Generator 50 Hz</b>	<ul style="list-style-type: none"> <li>+ Type: synchronous</li> <li>+ Three-phase power (stand by): 440 kVA - 400 V</li> <li>+ Three-phase power (prime): 400 kVA - 400 V</li> <li>+ Single-phase power (max.): 146,6 kVA - 230 V</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: Iveco CURSOR13TE3A - turbocharged - 6 cyl. 545 HP (401 kWm) - 12880 cm<sup>3</sup></li> <li>+ Fuel: diesel</li> <li>+ Cooling system: water</li> <li>+ Starting system: electric</li> <li>+ Fuel tank capacity: 420 l</li> <li>+ Fuel consumption @ 75%: 72,5 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): 3642 x 1570 x 2108 mm</li> <li>+ Dry weight: 4500 kg</li> </ul>

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