

# GenSet



## MG 115 S-I



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

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## MG 115 S-I

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER

110 KVA THREE-PHASE AND 37 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>- over/under speed</li> <li>- high coolant temperature</li> <li>- low fuel level</li> <li>- low oil pressure</li> <li>- Fail to reach loading voltage and/or frequency</li> <li>- open door</li> </ul> </li> <li>+ Single-phase voltmeter</li> <li>+ Frequencymeter</li> <li>+ 3 ammeters</li> <li>+ Fuel level gauge</li> <li>+ Coolant temperature gauge</li> </ul>	<ul style="list-style-type: none"> <li>+ Battery voltmeter</li> <li>+ Engine Hourmeter</li> <li>+ Adjustable Earth leakage Relay</li> <li>+ 4 poles main Circuit Breaker</li> <li>+ Three-phase output terminal board</li> <li>+ Emergency STOP button</li> <li>+ Automatic Voltage Regulator</li> <li>+ Manual oil sump pump</li> <li>+ Battery switch</li> <li>+ Central lifting eye</li> <li>+ Fork-lift pockets</li> <li>+ Remote control terminal board</li> <li>+ ATS terminal board</li> <li>+ Bunded base to retain all liquids</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>+ Set mounted distribution board with three and single-phase outlets protected by main Circuit Breakers</li> </ul>	<ul style="list-style-type: none"> <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>Accessories on Request</b>	<ul style="list-style-type: none"> <li>+ Two-wheels site tow undercarriage (GRT2W)</li> <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 97 (72 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): 110 kVA - 400 V</li> <li>+ Three-phase power (prime): 100 kVA - 400 V</li> </ul>	<ul style="list-style-type: none"> <li>+ Single-phase power (max.): 37 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: Iveco NEF45 TM2A - turbocharged - 4 cyl. 130 HP (96,2 kWm) - 4500 cm<sup>3</sup></li> <li>+ Fuel: diesel</li> <li>+ Cooling system: water</li> <li>+ Starting system: electric</li> <li>+ Fuel tank capacity: 213 l</li> <li>+ Fuel consumption @ 80%: 16,2 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): 2309 x 1050 x 1640 mm</li> <li>+ Dry weight: 1500 kg</li> <li>+ Total weight: 1700 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.