

# GenSet



## MG 70 S-DR



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

Via Stazione,5 - 27030 Villanova D' Ardenghi (Pavia) Italy

Tel. (+39) 0382-5091 - Fax (+39) 0382-509-244

E-mail: [genset@genset.it](mailto:genset@genset.it) - internet: [//www.genset.it](http://www.genset.it)

## MG 70 S-DR

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER 66 KVA  
THREE-PHASE AND 22 KVA SINGLE-PHASE / DIESEL ENGINE 1500 RPM

<b>Gen Set Features</b>	<ul style="list-style-type: none"> <li>+ Controller (<b>DSE 6120</b>) 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; 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>+ Inlet air restriction alarm</li> </ul>	<ul style="list-style-type: none"> <li>+ Fuel/Water separator alarm</li> <li>+ Adjustable Earth leakage Relay</li> <li>+ 4 poles main Circuit Breaker</li> <li>+ Three-phase output terminal board</li> <li>+ Set mounted distribution board with three and single-phase outlets protected by main Circuit Breakers</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>+ Bunded base to retain all liquids</li> <li>+ Remote control terminal board</li> <li>+ ATS terminal board</li> <li>+ Fuel Filter/Water separator</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>+ Electronic frequency regulator</li> <li>+ Engine water heaters powered by mains 230 V - 50 Hz</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>+ Auto Transfer Switch (ATS) panel complete with battery charger for auto-start operation</li> </ul>	
<b>Noise Level</b>	+ Lwa 95 (70 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): 66 kVA - 400 V</li> <li>+ Three-phase power (prime): 60 kVA - 400 V</li> </ul>	<ul style="list-style-type: none"> <li>+Single-phase power (max.): 22 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: Deutz BF4M 2012 - turbocharged - 4 cyl. 70,6 HP (52 kWm) - 4040 cm<sup>3</sup></li> <li>+ Fuel: diesel</li> <li>+ Cooling system: water</li> <li>+ Starting system: electric</li> <li>+ Fuel tank capacity: 170 l</li> <li>+ Fuel consumption @ 75%: 10,2 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): 2400 x 950 x 1500 mm</li> <li>+ Dry weight: 1320 kg</li> <li>+ Total weight: 1460 kg</li> </ul>

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