

GenSet



MG 90 SS-P

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SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER
88 KVA THREE-PHASE AND 29 KVA SINGLE-PHASE / DIESEL ENGINE 1500 RPM

Gen Set Features	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - over/under speed - high coolant temperature - low fuel level - low oil pressure - Fail to reach loading voltage and/or frequency - open door + Single-phase voltmeter + Frequencymeter + 3 ammeters + Fuel level gauge + Coolant temperature gauge + Battery voltmeter 	<ul style="list-style-type: none"> + Engine Hourmeter + Adjustable Earth leakage Relay + 4 poles main Circuit Breaker + Three-phase output terminal board + Emergency STOP button + Automatic Voltage Regulator + Electronic frequency regulator + Manual oil sump pump + Battery switch + Central lifting eye + Fork-lift pockets + Bunded base to retain all liquids + Remote control terminal board + ATS terminal board + Fuel/Water separator
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Engine water heaters powered by mains 230 V - 50 Hz + Set mounted distribution board with three and single-phase outlets protected by main Circuit Breakers 	<ul style="list-style-type: none"> + Spark arrester muffler + Long run fuel tank (24h) complete with bunded base + Separate tank facility c/w quick release coupling
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote Start/Stop kit by cable (20/50 m) + ATS panel for auto start operation 	
Noise Level	+ Lwa 94 (69 dB a 7 m)	
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type: synchronous + Three-phase power (stand by): 88 kVA - 400 V + Three-phase power (prime): 80 kVA - 400 V 	<ul style="list-style-type: none"> +Single-phase power (max.): 29 kVA - 230 V +Power Factor: cos ϕ 0,8
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type: Perkins 1104C-44TAG1 - turbocharged - 4 cyl. 112,2 HP (82,5 kWm) - 4400 cm³ + Fuel: diesel + Cooling system: water + Starting system: electric + Fuel tank capacity: 470 l + Fuel consumption @ 75%: 14,3 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class: H + Ambient temperature: 40 °C + Altitude: 1000 mt + Mechanical Protection: IP 23 	<ul style="list-style-type: none"> + Dimensions (L x W x H): 3200 x 1240 x 1870 mm + Dry weight: 2036 kg + Total weight: 2362 kg

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.