

GenSet



MG 50 SS-P



GEN SET S.p.a.

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MG 50 SS-P

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

Gen Set Features	<ul style="list-style-type: none"> + Controller (DSE 6120) 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"> - fail to start - emergency stop - low oil pressure - low fuel level - high coolant temperature - oil pressure sender open circuit - over/under voltage - over/under frequency - open door + Adjustable Earth leakage Relay + 4 poles main Circuit Breaker + Three-phase output terminal board 	<ul style="list-style-type: none"> + Set mounted distribution board with: <ul style="list-style-type: none"> - 1x32A, 400V - 50Hz three-phase EEC socket protected by Circuit Breaker - 1x16A, 400V - 50Hz three-phase EEC socket protected by Circuit Breaker - 1x32A, 230V - 50Hz single-phase EEC socket protected by Circuit Breaker - 2x16A, 230V - 50Hz single-phase EEC socket protected by Circuit Breakers + Emergency STOP button + Automatic Voltage 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 + Preset for A.M.F. operation + Fuel/Water separator
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Electronic frequency regulator + Engine water heaters powered by mains 230 V - 50 Hz 	<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) + Auto Transfer Switch (ATS) panel complete with battery charger for auto-start operation 	
Noise Level	+ Lwa 92 (67 dB a 7 m)	
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type: synchronous + Three-phase power (stand by): 50 kVA - 400 V + Three-phase power (prime): 45 kVA - 400 V 	<ul style="list-style-type: none"> + Single-phase power (max.): 16,5 kVA - 230 V + Power Factor: $\cos \varphi 0,8$
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type: Perkins 1103-33TG - turbocharged - 3 cyl. 63,2 HP (46,5 kWm) - 3300 cm³ + Fuel: diesel + Cooling system: water 	<ul style="list-style-type: none"> + Starting system: electric + Fuel tank capacity: 115 l + Fuel consumption @ 75%: 8 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): 1974 x 913 x 1320 mm + Dry weight: 1080 kg + Total weight: 1175 kg

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.