



This range of silenced generators is a spearhead of our production. Equipped with a Yanmar 1500 RPM engine, these generators are compact and resistant. They are designed for automatic starting and are suitable for frequent handling. Available with oversized tank and with manual or automatic control panel on board.



SMART SERIES

STANDARD EQUIPMENT



Smart series

- Auto engine protection shutdown system with warning lights in case of battery charger failure, low fuel level, low oil pressure and high water temperature
- Starting battery
- Hourmeter
- Voltmeter
- Emergency stop button
- Fuel level visual indicator
- Power outputs protections
- Earth Leakage Circuit Breaker (ELCB)
- Connector for AMF-ATS panel and remote control
- Particulate filter (MG 33-50 I-SY Stage V)
- Engine oil drain pipe
- Fork lift pockets
- Lifting hook

Socket kit:

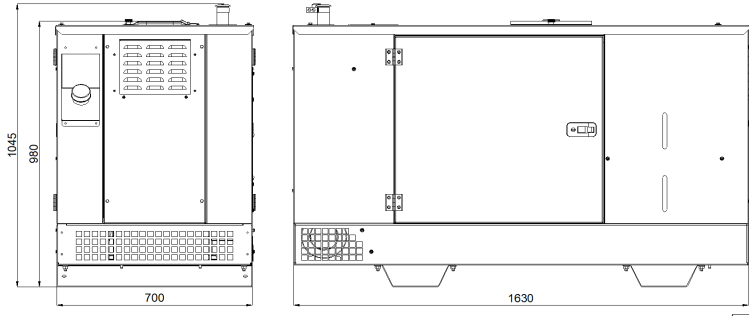
- MG 16-23I-SY:
 1 x 32A - 230V single-phase socket
 1 x 32A - 400V three-phase socket

- MG 33-50I-SY:
 1 x 16A - 230V single-phase socket
 1 x 32A - 230V single-phase socket
 1 x 32A - 400V three-phase socket
 1 x 63A - 400V three-phase socket

Large bunded tank available from 200 lt tank

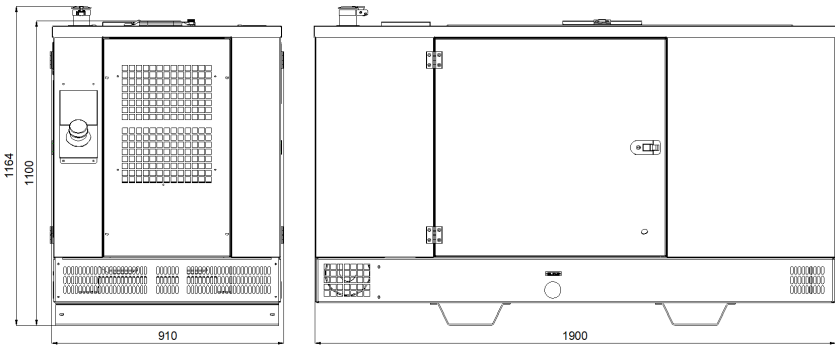
*Logic with digital display for full monitoring of generator parameters: generator voltage, generator frequency, battery voltage, engine speed, hours counter, oil pressure, engine temperature, fuel level. With auto engine protection shutdown system in case of emergency stop, low oil pressure, low fuel level, high coolant temperature standard for MG 33 - 50 I-SY Stage V models and models with an oversized fuel tank.

DIMENSIONS IN MM

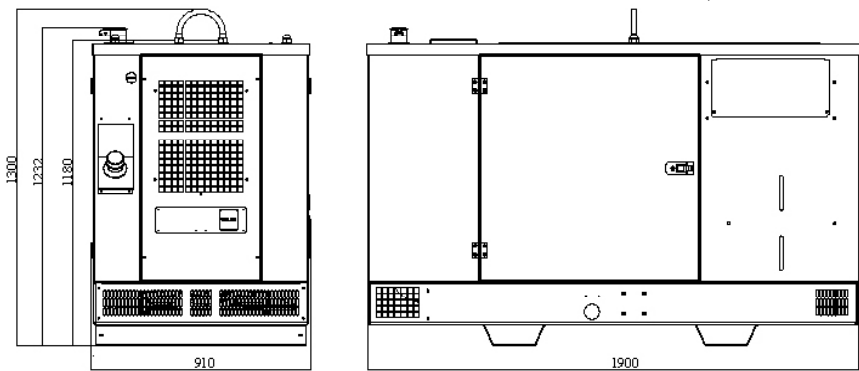


← MG 16-23 I-SY

MG 33-50 I-SY →



← MG 33-50 I-SY Stage V



| | MG 16 I-SY | MG 23 I-SY | MG 33 I-SY | MG 50 I-SY |
|-------------------------|--|--|--|--|
| Noise level Lwa | 91 (66 dB a 7 mt) | 93 (68 dB a 7 mt) | 96 (71 dB a 7 mt) 94 (69 dB a 7 mt) Stage V | 95 (70 dB a 7 mt) |
| AC generator-50Hz | Synchronous | | | |
| Three-phase max. power | 16 kVA - 400 V | 22 kVA - 400 V | 33 kVA - 400 V | 44 kVA - 400 V |
| Single-phase max. power | 5,3 kVA - 230 V | 7,3 kVA - 230 V | 11 kVA - 230 V | 14,7 kVA - 230 V |
| Power Factor | cos φ 0,8 | | | |
| Yanmar 1500 RPM engine | 3 TNV 88 | 4 TNV 88 | 4 TNV 98 | 4 TNV 98 T |
| Fuel | Diesel | | | |
| No. cylinders | 3 | 4 | 4 | 4 |
| Power | 18,1 HP (13,5 kWm) | 24,1 HP (18 kWm) | 46,1 HP (34,4 kWm) | 55,9 HP (41,7 kWm) |
| Displacement | 1642 cm ³ | 2190 cm ³ | 3319 cm ³ | 3319 cm ³ |
| Cooling system | Water | | | |
| Starting system | Electric | | | |
| Fuel tank capacity | 40 or 200 or 1000 lt | | 40 or 250 or 1000 lt | |
| Fuel consumption @75% | 2,7 lt/h | 3,5 lt/h | 6,4 lt/h | 8,1 lt/h |
| Insulation Class | H | | | |
| Ambient temperature | 40 °C | | | |
| Altitude | 1000 mt | | | |
| Degree of protection | IP 23 | | | |
| Dimensions (LxWxH) | 1650x700x1045 mm (40 lt tank) 1650x815x1345 mm (200 lt tank) 1650x815x2274 mm (1000 lt tank) | | 1900x910x1164 mm (40 lt tank) 1900x910x1300 mm (40 lt tank - stage V engine) 1935x915x1536 mm (250 lt tank) 1910x915x2274 mm (1000 lt tank) | |
| Dry weight | 445 kg (40 lt tank) 660 kg (200 lt tank) 900 kg (1000 lt tank) | 475 kg (40 lt tank) 684 kg (200 lt tank) 930 kg (1000 lt tank) | 690 kg (40 lt tank) 735 kg(40 lt tank - Stage V) 960 kg (250 lt tank) 1370 kg (1000 lt tank) | 735 kg (40 lt tank) 780 kg(40 lt tank - Stage V) 1010 kg (250 lt tank) 1400 kg (1000 lt tank) |



SMART SERIES

Options on request

- 1- Engine heater
- 2- Controller with digital display*
 - Spark arrester muffler
 - Oversized fuel tank
- Automatic voltage regulator (AVR)**

Accessories

- 3- AMF-ATS automatic starting panel
- 4- Remote control
- GRT2W: 2 wheels site trailer

*Standard for MG 33-50 I-SY Stage V models and for versions with oversized fuel tank.

**Standard for MG 33 - 50 I-SY models



NOTE

