



Compact



Minimal maintenance



Long running time

This range of silenced generators is a spearhead of our production. Equipped with a Yanmar 1500 RPM engine, the 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



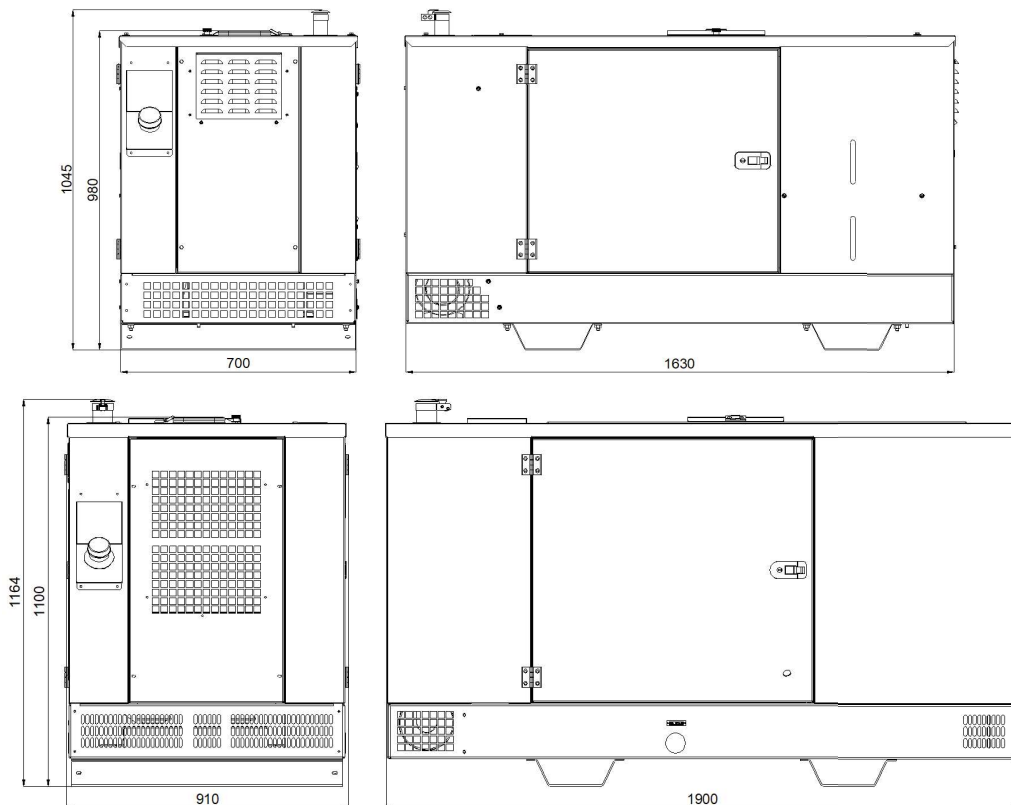
## MG 16 - 23 I-SY

- 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
- 1 x 32A - 230V single-phase socket
- 1 x 32A - 400V three-phase socket
- Power outputs protections
- Earth Leakage Circuit Breaker (ELCB)
- Connector for AMF-ATS panel and/or remote control
- Engine oil drain pipe
- Fork lift pockets
- Lifting hook

## MG 33 - 50 I-SY

- 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
- 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
- Power outputs protections
- Earth Leakage Circuit Breaker (ELCB)
- Connector for AMF-ATS panel and/or remote control
- Engine oil drain pipe
- Fork lift pockets
- Lifting hook

## DIMENSIONS IN MM



	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)	94 (69 dB a 7 mt)	96 (71 dB a 7 mt)	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 $\phi$ 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 <sup>3</sup>	2190 cm <sup>3</sup>	3319 cm <sup>3</sup>	3319 cm <sup>3</sup>
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) 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) 960 kg (200 lt tank) 1370 kg (1000 lt tank)	735 kg (40 lt tank) 1010 kg (200 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 oversized fuel tank versions

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



### NOTE

---



---



---



---



---

