



High performance



Heavy duty



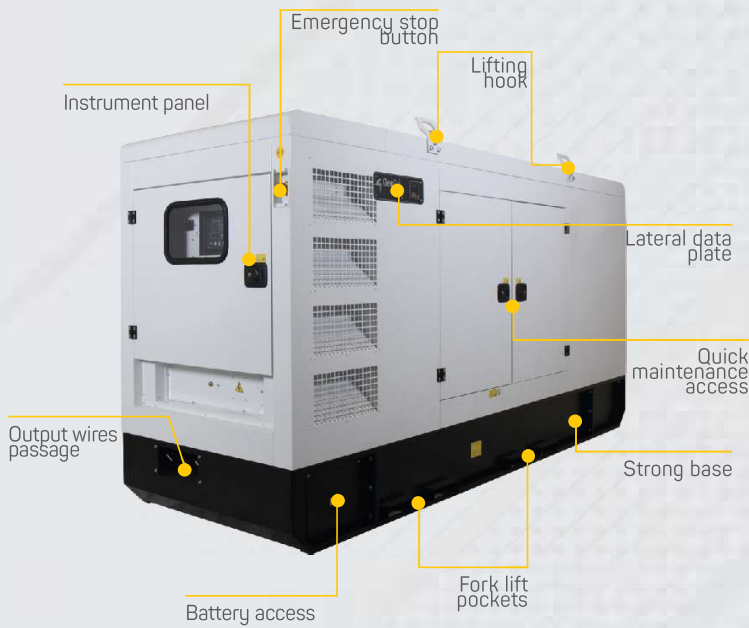
Compact

Silenced generators equipped with FPT 1500 rpm engine with high power standards. Resistant and practical to handle thanks to the four lifting hooks and the forkable base, it is designed for automatic starting and for the battery charger. Three-phase and single-phase socket panel, oversized fuel tank fully bunded and catalytic muffler are available.



# S-I SERIES

# STANDARD EQUIPMENT

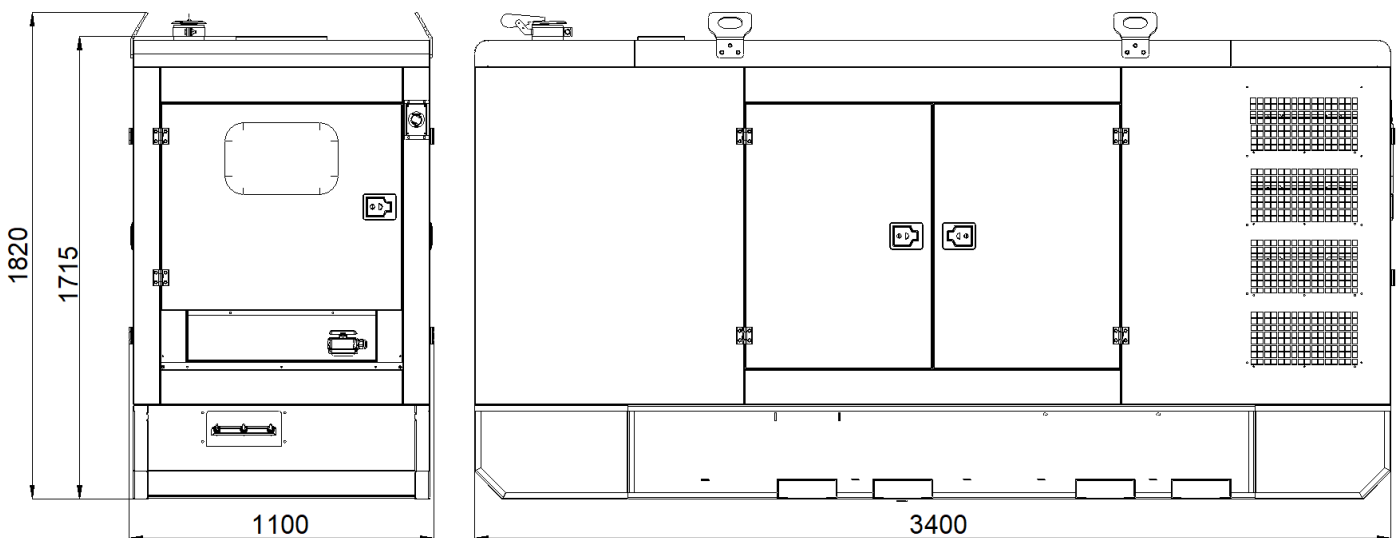


## S-I SERIES

Controller with digital display for full monitoring of generator parameters: generator voltage, mains voltage, battery voltage, ammeter, frequency, hourmeter, oil pressure (optional), engine temperature (optional), fuel level, fail to start; with auto engine protection shutdown system in case of: 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

Starting battery  
1 x 400V three-phase output  
Power outputs protections  
Automatic voltage regulator (AVR)  
Connector for ATS panel and/or remote control  
Fork lift pockets  
4 lifting hooks

## DIMENSIONS IN MM



# S-I SERIES

# TECHNICAL DATA

	MG 143 S-I	MG 176 S-I	MG 220 S-I
Noise level Lwa	95 (70 dB a 7 mt)		
AC generator-50Hz	Synchronous		
Three-phase max. power	143 kVA - 400 V	176 kVA - 400 V	220 kVA - 400 V
Single-phase max. power	47,6 kVA - 230 V	58,6 kVA - 230 V	73,3 kVA - 230 V
Power Factor	cos $\phi$ 0,8		
FPT 1500 RPM engine	FPT NEF 67 TM4	FPT NEF 67 TM4	FPT NEF 67 TM7
Fuel	Diesel		
No. cylinders	6		
Power	224 hp (165 kWm)	224 hp (165 kWm)	263,8 hp (194 kWm)
Displacement	6700 cm3	6700 cm3	6700 cm3
Cooling system	Water		
Starting system	Electric		
Fuel tank capacity	230 lt		
Fuel consumption @80%	29,4 lt/h	29,4 lt/h	37,3 lt/h
Insulation Class	H		
Ambient temperature	40 °C		
Altitude	1000 mt		
Degree of protection	IP 23		
Dimensions (LxWxH)	3400x1100x1820 mm		
Dry weight	1850 kg	1945 kg	1995 kg

For higher power values please contact GenSet.



## S-I SERIES

### Options on request

- Oversized fuel tank
  - Bunded tank
  - Engine heater
- Spark arrester muffler
- Automatic refill system
  - Three-way valve
  - GSM kit
- Oil pressure sensor
- Engine temperature sensor
- Earth Leakage Circuit Breaker (ELCB)
- Three-phase and single-phase socket panel with:
  - 2 x 230V - 16A single-phase sockets
  - 1 x 230V - 32A single-phase socket
  - 2 x 400V - 32A three-phase sockets
  - 2 x 400V - 63A three-phase sockets
  - 1 x 400V - 125A three-phase socket
  - Thermal protections

### Accessories

- ATS panel
- Remote control
- Battery charger

## NOTE

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