

HES

Dynamic Power Solutions



HIMOINSA
ENERGY
SERVICES



1MW / Gas Generator Sets

MOBILE, COMPACT & LOW OPEX

This versatile HIMOINSA gas generator is able to work with both NG and LPG without loss of power. The design of the 40-foot container has given priority to operation and maintenance, which means there is no need to install any external elements.

1500-HOUR
SERVICE INTERVAL



RELIABLE
POWER



LOW
OPEX



ROBUST AND
COMPACT SOLUTION



POWER
EFFICIENCY



NATURAL GAS, LPG &
FLARE GAS OPERATION



EQUIPMENT

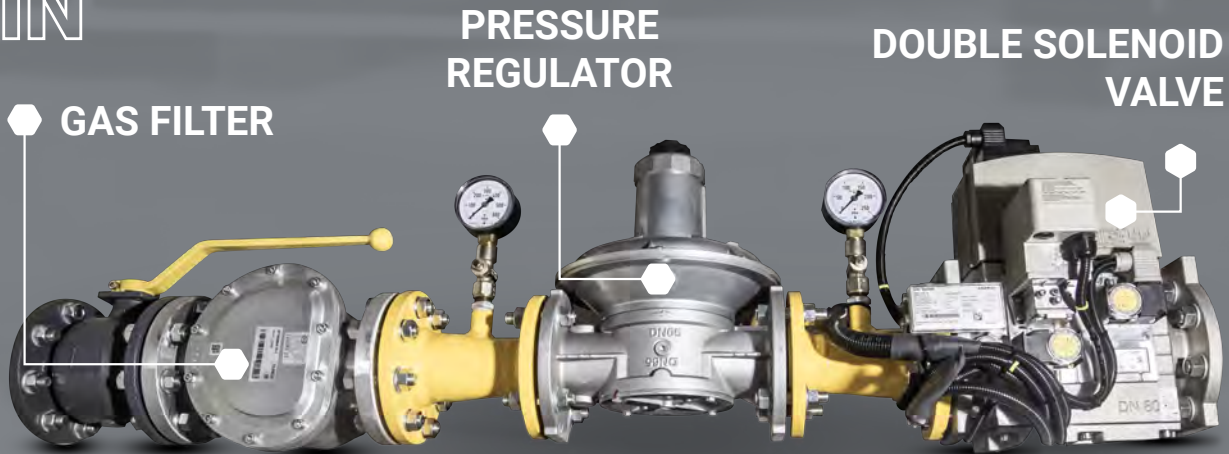
- Ventilation room
- Engine room
- Integrated silencer.
- Engine room ventilation fans.
- Hydraulic kit with a dual-circuit flatbed electrical radiator, including temperature and pressure sensors.
- Expansion vessels to stabilize the pressure.
- The unit is controlled via a DEIF control unit and two touch screens programmed in special configuration by means of modules that allow it to run in island mode, in parallel with other generators and/or the power grid.

TECHNICAL DATA

MODEL	HGS-950 T5 NG/LPG	HGS-1030 T6 NG/LPG
Engine	GUASCOR G-56SL LCR	
Alternator	STAMFORD S7L1.C41	
Gross COP Power @ pf.1 (KW)	953	1030
Gross COP Power @ pf. 0,8 (KW/KVA)	945 / 1.181	1.023 / 1.278
Voltage (V)	400	480
Fuel Consumption 100% load (NG/LPG) (KW)	2.876	3.088

GAS TRAIN

The certified gas train has been designed to work with different types of gases (NG and LPG)



L - 12.192 mm
W - 2.438 mm
H - 3.177 mm



HRYW-1275 D5/6

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DIESEL
OPERATION

The AY40 engines incorporate the exclusive YANMAR patented “ASSIGN” combustion technology that ensure best-in-class fuel consumption for the entire operating profile, with a highly reliable mechanical control system, significantly reducing smoke emissions.

TECHNICAL DATA

MODEL	50 HZ PRP	60 HZ PRP
Engine	AY40L.ET	
Power kVA	1.278	1.305
Power kW	1.022	1.044
Rated Speed (RPM)	1.500	1.800
Standard voltage (V)	400/230	480/277
Available Voltages (V)	415/240 - 380/220	460/265 - 440/254 - 416/240
Rated at Power Factor (Cos Phi)	0,8	



H

L - 6.058 mm
W - 2.438 mm
H - 2.591 mm

EQUIPMENT

CONTROL & CONNECTIONS

- Parallel control unit.
- Remote monitoring available.

ELECTRIC SYSTEM

- Battery charger.
- Battery insulator.
- LED lamps inside.

MAINTENANCE

- Door with wide access to the radiator and the fuel tank.
- Access door for cleaning of the heat exchanger core.

COOLING SYSTEM

- Variable speed drive for the electrical radiator.
- Heat extraction fans with variable speed drive.





THANK YOU



HIMOinsa ENERGY SERVICES

Pol. Ind. Las Mezquitas, C. Edison, 57

28906 Getafe, Madrid

Phone: +34 902 19 11 28

Mobile: + 351 936 600 033

www.himoinsa.com