

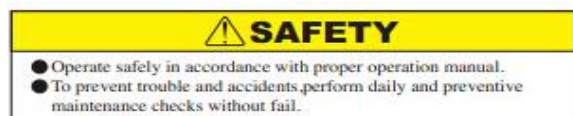
# POWER YOUR FUTURE

## GAS Generator

27,5 KVA (23 KW)

Prime Power: 23,5 KVA

### GENERATING POWER SOLUTIONS



#### Increased availability for new operations

Reliable, robust and versatile generator.  
Ready to deliver power for a next job.

#### Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

#### Reduced service & maintenance costs

Longer service intervals.  
Quicker and more efficient service jobs.

## GAZ series

### Technical Data

Model		GAZ-23
Rated power LPG	KW	23 KW
Rated power NG	KW	22 KW
Rated voltage line to line	V	230/400 Volts
Rated current LPG	A	95,7
Rated current NG	A	87
Maximun sound level	dB(@7m)	70

#### Engine

Model		PD4700D1
aspiration		natural aspiration
ignition system		EMC ignition
No. cylinders		4
Displacement	cc	1216 cc
Bore*Stroke	mm	L4 70 x 79
Compression ratio		9,5:1
Rated speed	r/min	3000
Rated net power(with fan)	Kw	27
ignition system		transistor
Governor type		electronic
Start Motor	V	12 0,8 KW
rotary oil filter		yes
battery start		52 A
low oil pressure shutdown		yes
electric start		yes

#### Exhaust System

Exhaust gas temp	°C	89
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#### Alternator

Model	javac	8 KW
Power factor		0,9
Phase		three
Voltage	V	400 volts
volt reg system		AVR
Wiring Type		3 Phase 3 wire, Y type
Bearing		1
Power factor		0,8
Frequency	Hz	50
Prime power	KVA	10
Exciter Type		brush
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		F
Altitude	m	≤1000

#### Controller

Model	HSC940
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#### Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure
- alternator voltage detection

Max back pressure	kPa	10
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#### Air Intake System

Max intake restriction	kPa	/
Consumption	m³/min	/
Air flow	m³/min	/

#### Fuel System

NG consumption	m³/hr	7,52
LPG consumption	kg/hr	9,4
NG pressure range	Kpa	1,3 - 2,7
LPG pressure range	Kpa	1,7 - 2,7

#### Lubrication System

Total system oil capacity	L	3,5
Oil consumption	g/kwh	≤3
Min oil pressure	MPa	1,2
(continuous operation)		

#### Cooling System

cooling system		liquid cooling
Thermostat	°C	85-92
Max top tank temperature	°C	60 C

#### Standard Features

Radiator 50°C max, fans are driven by belt	●
12 V charge alternator	●
Alternator: single bearing alternator IP23,	●
low oil pressure shut down,	●
Standard auto control system	●
One set of air filter, fuel filter, oil filter	○
Main line circuit breaker/MCCB	●
Base fuel tank	option
one 12V batteries, rac and cable	●
Exhaust system(Ripple flex exhaust pipe,	●
exhaust siphon, flange, muffler	●
User manual	●

#### Options

Battery charge	○
Engine heater	○
Alternator heater	○
PMG	○
Water oil separator	○
Daily fuel tank	○
Remote control panel	○
Automatic transfer switch/ATS	○
Switch box	○

#### Warranty\*

##### Engine

12 months from date of purchase and 1000 hours.

##### Generator

12 months from date of purchase or 1000 hours



#### Control Module Options



- Auto generator control module
- Control module with" Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

#### dimensions & info

including packing	LxWxH	1350x825x940
nuit dimension	LxWxH	1350x880x1100
nett weight	kg	422
gross weight	kg	462
noise at 7 meter	dBa	70
sound insulation		dobbel metal plate
soundproof material		soundproof cotton
enclosed muffler		yes
canopy coating: powder coating		
protection levell		IP 23
emergency stop switch		yes
fuel solenoid valve		dual solenoid valve

#### voltage steady

type	electron
sensing	single
material of alternator	red electrolyse cuppe
type of alternator	synchronous
controller location	beside alternator
governor	mechanical
frequency regulation	synchronism
steady frequency adjustment	± 2.5%

(whichever occurs first).