

# POWER YOUR FUTURE

## GAS Generator

### 17,5 KVA (15 KW)

Prime Power: 17,5 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-15	
Rated power LPG	KW	15 KW
Rated power NG	KW	14 KW
Rated voltage line to line	V	230/400 Volts
Rated current LPG	A	76,5
Rated current NG	A	69,6
Maximun sound level	dB(@7m)	72

### Engine

Model	465D	
aspiration	natural aspiration	
ignition system	EMC ignition	
No. cylinders	4	
Displacement	cc	998 cc
Bore*Stroke	mm	L4 65,5 x 74
Compression ratio	9,5:1	
Rated speed	r/min	3000
Rated net power(with fan)	Kw	18
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
Max back pressure	kPa	10

### Air Intake System

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

### Fuel System

NG consumption	m³/hr	5,8
LPG consumption	kgr/hr	5,6
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 be	●
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  
(whichever occurs first).



### 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	1376x810x960
nuit dimension	LxWxH	1470x900x1100
nett weight	kg	345
gross weight	kg	380
noise at 7 meter	dBa	72
sound insulation		dobbel metal plate
soundproef material		soundproof cottor
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 cup
type of alternator	synchronous
controller location	at side on panel
governor	mechanical
frequency regulation	synchronism
steady frequency adjustment	± 2.5%

