POWER YOUR FUTURE
GAS Generator
10 KVA (8 KW)

Prime Power: 10 KVA

SAFETY
● Operate safely in accordance with proper operation manual.
● To prevent trouble and accidents,perform daily and preventive maintenance checks without fail.

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-8
Rated power LPG	KW	8 KW
Rated power NG	KW	7 KW
Rated voltage line to line	V	400 Volts
Rated current LPG	A	34,8
Rated current NG	A	30,4
Maximun sound level	dB(@7m)	72

Engine		
Model		2V78FD
aspiration		natural aspiration
ignition system		EMC ignition
No. cylinders		4
Displacement	cc	678 cc
Bore*Stroke	mm	V2 78 x 72
Compression ratio		8,5:1
Rated speed	r/min	3000
Rated net power(with fan)	Kw	14
ignition system		transistor
Governor type		electronic
Start Motor	V	12 0,8 KW
rotary oil filter		yes
battery start		18 Ah-45 Ah
low oil pressure shutdown		yes

Exhause System		
Exhause gas temp	℃	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

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	3,2
LPG consumption	kgr/hr	3
NG pressure range	Kpa	1,3 - 2,7
LPG pressure range	Kpa	1,7 - 2,7

Lubrication System

Total system oil capacity	L	1,4
Oil consumption	g/kwh	≤3
Min oil pressure	MPa	1,2
(continuous operation)		

Cooling System

cooling system		air cooled
Thermostat	℃	85-92
Max top tank temperature	℃	60 C

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	1320x760x840 mm
nuit dimension	LxWxH	1300x742x693 mm
nett weight	kg	235
gross weight	kg	270
noise at 7 meter	dBa	66
sound insulation		dobbel metal plate
soundproof material		soundproof cotton
enclosed muffler		yes
enclosed muffler		
canopy coating: powder coating		
protection levell		IP 23
emercency stop switch		yes

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	○

voltage steady

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

Warranty*

Engine

12 months from date of purchase and 1000 hours.

Generator

12 months from date of purchase or 1000 hours
(whichever occurs first).