

# GAS POWER SOLUTION



Voltage: 400/230V

Frequency: 50Hz

Power Factor: 0.8

Protection: IP23

insulation Class: H

ISO9001, OHSAS18001, ISO14001, CE Certified

## 60KW Natural gas generator - Perkins OEM

Genset Model		GJVC-60
Rated Power (kW/kVA)		60/75
Rated Current (A)		90
Dimension (mm)		2210*810*1440
Gross Weight (kg)		1800
Gas engine	Brand	<b>PERKINS</b> technology OEM
	Model	1006-G6TAG
	Configuration	Water-cooled, 4-stroke, 6 cylinder inline
	Rated Power (kW/kVA)	72/90
	Rated Speed (rpm)	1500
	Cylinder No.	L6
	Bore*Stroke (mm)	100x127
	Cooling Method	Water cooling
	Oil Consumption (g/kw.h)	<1
	Gas Consumption (m3/kw.h)	0.3 @100% load
	Starting method	24V DC
Alternator	Brand	<b>STAMFORD</b> OEM
	Model	FLD224F
	Rated Power (kW/kVA)	60/75
	Efficiency	92,50%
	Voltage Regulation	$\leq \pm 1$
	Voltage Regulation	Brushles, Self Excitation
	Insulation Class	H
Control System	Brand	<b>DEEPSEA</b>
	Model	DSE6020
	Working Voltage	DC8.0V to DC35.0V, continuous
	Overall Dimensions (mm)	197*152*47
	Panel Cutout (mm)	186*141
	Working Condition	Temperature: (-25~70)°C; Humidity: (20~90)%
	Weight	0.56kg
Gas system	Ignition system	ECU controlled, <b>DN POWER</b> branded
	Gas regulator	<b>MADAS</b>
	Air/gas mixer	<b>IMPCO</b>
	E-throttle	<b>BOSCH</b>

	High voltage coil	<b>TORCH</b>
	Ignition sparkle	<b>BOSCH</b>
Requirements for natural gas	<ol style="list-style-type: none"> <li>1. Methane should be at least <b>90%</b></li> <li>2. Natural gas temperature should be between <b>0-60 °C</b></li> <li>3. No impurity should be in the gas. Water in the gas should be less than <b>20g/Nm3</b>.</li> <li>4. Heat value should be at least <b>5500kcal/m3</b>, if less than this value, the power of the engine will be declined.</li> <li>5. Gas pressure should be <b>3-100KPa</b>, if the pressure is less than 3KPa, booster fan will be necessary.</li> <li>6. The gas should be dehydrated and desulfurated. Make sure that there is no liquid in the gas. <b>H2S&lt;200mg/Nm3</b></li> </ol>	

**Image 1# - LOVOL Natural gas generator - OPEN type**

\* All images are for customers reference only