

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	PERKINS 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 (m ³ /kW.h)	0.3 @100% load
	Starting method	24V DC
Alternator	Brand	STAMFORD OEM
	Model	FLD224F
	Rated Power (kW/kVA)	60/75
	Efficiency	92,50%
	Voltage Regulation	≅±1
	Voltage Regulation	Brushles, Self Excitation
	Insulation Class	H
Control System	Brand	DEEPSEA
	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
	Ignition system	ECU controlled, DN POWER branded

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