



Voltage: 380/220V

Frequency: 50Hz

Power Factor: 1

Protection: IP23

insulation Class: H

ISO9001, OHSAS18001, ISO14001, CE Certified

30KW Natural gas generator

Genset Model		JVNF-30
Rated Power (kW/kVA)		30/37.5
Rated Current (A)		90
Dimension (mm)		1850*800*1430
Gross Weight (kg)		950
Gas engine	Brand	PERKINS OEM
	Model	1004-NG
	Configuration	Water-cooled, 4-stroke, 4 cylinder inline
	Rated Power (kW/kVA)	33/40
	Rated Speed (rpm)	1500
	Cylinder No.	L4
	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	12V DC
Alternator	Brand	FARRAND (STAMFORD technology)
	Model	FLD184H
	Rated Power (kW/kVA)	30/37.5
	Efficiency	92,50%
	Voltage Regulation	$\leq \pm 1$
	Voltage Regulation	Brushles, Self Excitation
	Insulation Class	H
Control System	Brand	SMARTGEN
	Model	HGM6110
	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, javac power branded
	Gas regulator	MADAS
	Air/gas mixer	IMPCO
	E-throttle	BOSCH
	High voltage coil	TORCH
	Ignition sparkle	BOSCH

Requirements for natural gas		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
Business terms	Delivery time	Within 25 days after down payment received
	Payment Term	50% deposit before production, 50% balance before shipment
	Warranty	12 months or 1500 running hours, whichever comes first
	MOQ	1 set
	Color	Could be customized
	Quotation Validity	1 month after date of quotation
	Package	Plywood case for open type and stretch film and bubble film



