



Ettes Power is one of biggest generator set packagers and assemblers in China. Ettes Power Gas Generator Set can be driven by world famous gas engines of Cummins, Perkins, Man, MWM-Deutz, JDEC 190 and Zibo 300 series, coupled with Stamford, Leroy Somer or Siemens alternators, power ranging from 20kva upto 5600kva. The applicable fuel can be methane base gases such as natural gas, biogas, marsh gas, coalbed gas, coal mine gas, shale gas, landfill gas and low BTU gas such as biomass/syngas, coal gas, coking oven gas etc. By assimilating gas generation and control technologies of Ignitions System, Governor System from WOODWARD, MOTORTECH, HEINZMANN, ALTRONIC, IMPCO, STITT, our gas generator set can work at reliable performance, easy for maintenance, much longer life-span and very economic in price based on wonderful quality. Furthermore, special requirements for CHP System (combined heat and power), ATS, Soundproof Canopy, Parallel & Synchronization panel are optional. Ettes Power gas generator set enjoy hot ready markets in domestic markets and overseas markets including South Africa, South America, Europe, Middle East and Southeast Asia countries etc.

WE UPGRADE GAS ENGINES

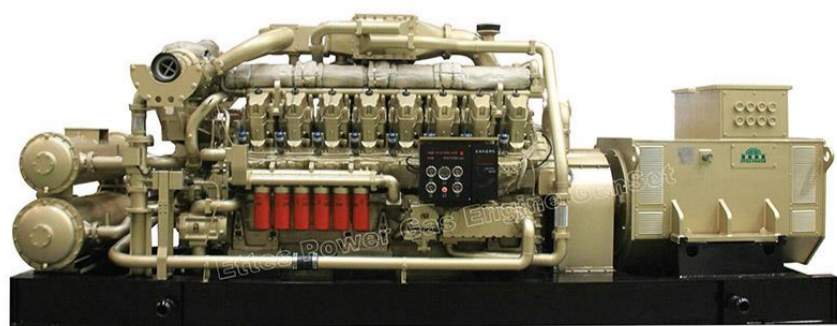


WOODWARD

Main Technical Data of Methane Gas Generator EJ-1000NB

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Gas Gen-Set	Genset Model	EJ-1000NB					
	Rated Power (kw/kva)	800/1000					
	Manufacturer/Assembler	ETTES POWER					
 <p>Gas Engine</p>	Gas Engine Manufacture	CNPC JICHAO ENGINE CO LTD					
	Gas Engine Model	H16V190ZLT					
	Engine Rated Power (kw/hp)	1200/1632					
	Applicable Fuel	Methane Base Gas: Natural Gas, Biogas, Oilfield Gas, Landfill Gas, Sewage Gas, Coalmine Bed Gas and Shale Gas etc.					
	Typical Features	Advanced close loop electrically controlled (for natural gas) ; Lean Burn Technology (for natural gas) ; Mixing Before Turbocharger;					
	Type	Four Stroke, Spark Ignition, Turbocharger and inter cooled					
	Cooling Way	Forced Water Cooling					
	Cooling Method	Standard: Open Cooling System by Heat Exchanger + Cooling Tower Optional: Closed Water Cooling by Fan Radiator					
	Starting Method	24VDC Electrical					
	Bore × Stroke (mm)	190×215					
	Displacement (L)	97.53					
	Compression Ratio	10:1					
	Average Speed of Piston (m/s)	7.17					
	Cylinder numbers and Type	16.Vee, 60° Angle					
	Governor/Actuator	Woodward or HEINZMANN					
	Ignition System:	Motortech or Altronic					
	Spark Plugs:	Motortech, Altronic, STITT or equal					
	Air-Fuel Control	EGS Automatic A/F Control					
	Mixer:	IMPCO or equal					
	Rated Speed (r/min)	1000 (50HZ)/1200(60HZ)					
	Idle Speed (RPM)	700					
	Direction of Rotation	Counter-clockwise					
	Oil Consumption (g/kw.h)	≤0.8					
	Lube Oil Capacity (L)	460					
	Heat Consumption(kj/kw.h)	≤9500					
	Exhaust Gas Temperature	≤650°C (before turbo)					
	Intake Gas Pressure Required (kPa)	100~400					
 <p>Alternator</p>	Alternator Brand	Siemens or Equal					
	Alternator Model	1FC6 Series					
	Frequency (HZ)	50/60					
	Rated Voltage (V)	400/230(50HZ), 480/240(60HZ) Other Special Voltages are available					
	Power Factor (Cosφ)	0.8					
	Type	Insulation Class IP22/IP23, Protection Class H					
	Excitation Method	Self-excited, Brushless					
	Voltage Regulation	AVR					
Control System	Standard Control System: advanced SIVAC control panel by Siemens Technology, adopting control module of ComAp Intellilite or Deepsea DSE Series, with functions including manual keys, alarms, protections, auto start and shut down, showing running parameters in LCD Display.						
	Options: Auto parallel synchronization control panel, Remote control system etc.						
Size and Weight	Net Weight (KG)	22000					
	Dimension (L×W×H, mm)	6070×2380×2780 (based on open cooling system)					
Main Electronic Performance Data							
Voltage				Frequency			
Stabilized Regulation	Instantaneous regulation	Recovery Time	Fluctuation	Stabilized Regulation	Instantaneous regulation	Recovery Time	Fluctuation
≤ ±2%	≤ ±5%	1s	≤ 0.5%	≤ 0.5%	≤ ±10%	<5s	≤ 0.5%

★ The data herein can vary depending on individual production requirements or due to improved technology.



Complete Solutions for Diesel & Gas Generating Stations

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 Working Videos of Ettes Power Generators