


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.



Main Technical Data of Methane Gas Generator EJ-1250NB			
Gas Gen-Set	Genset Model		EJ-1250NB
	Rated Power (kw/kva)		1000/1250
	Manufacturer/Assembler		ETTES POWER
 Gas Engine	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	
SIEMENS Alternator	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.

