

Ettes Power Gas Generating Set can be powered by world famous gas engines of Cummins, Perkins, Man, MWM-Deutz, JDEC 190 and CSR 240/280 series, coupled with Stamford, Leroy Somer or Siemens alternators, power ranging from 20kva upto 4000kva. The applicable fuel can be natural gas, biogas, biomass/syngas, coal gas, marsh gas and shales gas etc. By assimilating gas engine concerning technologies of Mixer, 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 Control panel can be satisfied. Ettes Power natural 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 Tech Data of Perkins Gas Generator Set EP-625N(B)

<b>Gas Gen Set</b>	Genset Model	EP-625NB					
	Rated Power (kw/kva)	500/625					
	Rated Current (A)	900					
	Manufacturer	ETTES POWER					
 <b>Perkins</b> <b>Gas Engine</b> 	Gas Engine Manufacture	PERKINS Engines Co Ltd (UK)					
	Gas Engine Model	4008-30TRS2					
	Gross Engine Power (kW/hp)	526/705					
	Electrical Efficiency	<b>38.5%</b>					
	Cycle	Four Stroke,					
	Induction System	Turbocharged and air-to-water charge cooled					
	Combustion System	Spark Ignited					
	Starting Method	24VDC Electrical					
	Cooling System	Water Cooled by Heat Exchanger or Radiator (optional)					
	Borex Stock (mm)	160×190					
	Displacement (L)	30.56					
	Compression Ratio	12:1					
	Direction of Rotation	Anti-clockwise viewed on flywheel					
	Total Lubricant Capacity (L)	165.6					
	Total Coolant Capacity (L)	48					
	Fuel	Natural Gas, Biogas, Coal Gas, Landfill gas and other Methane based gases					
	Fuel Consumption (kj/kw)	2.5					
	Cylinder numbers and Type	8. Vertical In Line					
	Intake Gas Pressure Required (kPa)	TBA					
	Rotation Speed (r/min)	1500 (50HZ)					
Oil Consumption (g/kw.h)	≤0.3						
 <b>LEROY SOMER</b> <b>Alternator</b>	Alternator Brand	Leroy Somer or Equal					
	Alternator Model	LSA Series					
	Frequency (HZ)	50					
	Rated Voltage (V)	400/230 (other Voltages is available)					
	Power Factor (Cosφ)	0.8					
	Excitation Method	Self-excited, Brushless					
	Voltage Regulation	AVR					
<b>Size and Weight</b>	Net Weight (KG)	7000					
	Dimension (LxWxH, mm)	5150×1652×2646					
Main Electronic Performance Data							
Voltage							
Frequency							
Stabilized Regulation	Instantaneous regulation	Recovery Time	Fluctuation	Stabilized Regulation	Instantaneous regulation	Recovery Time	Fluctuation
±2.5%	0.05	2s	0.50%	0-5% adjustable	±10%	<7s	0.5%

