



Ettes Power is one of the leading generator-set assemblers and suppliers in China. Ettes gas genset can be driven by world top engines of Cummins, Perkins, MAN, CAT-MWM, Deutz, CNPC 190 and Low Speed 300 series, coupled with Stamford, Leroy Somer or Siemens alternators, ranging from 20kW upto 4500kW. 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, coking oven gas etc. By assimilating advanced gas engine control technology from Europe, Ettes gas genset can work at reliable performance, easy for maintenance and longer life-span. Furthermore, special requirements for CHP System, ATS, Soundproof Container, Parallel & Synchronization are available. Ettes Power gas generators enjoy hot ready markets in more than 70 countries all over the world including regions of Latin America, Europe, Middle East, Africa and Southeast Asia etc.



Main Technical Data of Deutz Natural Gas Generators (150kW~300kW)

Genset	Genset Model	ED150-N	ED200-N	ED250-N	ED280-N	ED300-N
	Rated Power (kW/kVA)	150/188	200/250	250/313	280/350	300/375
	Rated Current (A)	270	360	450	504	540
	Manufacturer	ETTES POWER				
Gas Engine	Engine Make	Under DEUTZ Technology				
	Gas Engine Model	BF6M1015/ HC6V132G	BF6M1015/ HC6V132G	BF8M1015/ HC8V132G	BF8M1015/ HC8V132G	BF8M1015/ HC8V132G
	Cylinder numbers and Type	6 in Vee	6 in Vee	8 in Vee	8 in Vee	8 in Vee
	Displacement (L)	11.9	11.9	15.9	15.9	15.9
	Bore× Stock (mm)	132*145	132*145	132*145	132*145	132*145
	Type	Four Stroke, Water Cooling, Spare Ignition, 24V DC Starting				
	Air Intake Way	Turbocharged				
	Rated Speed (r/min)	1500 (50Hz)/1800(60Hz)				
	Compression Ratio	11:1				
	Gas Train	Ball Valve, Solenoid Valve, Pressure Regulator Valve and Gas Filter etc.				
	Fuel	Natural Gas including PNG, CNG, LNG, Oilfield Gas, Coalmine Gas, Shale Gas etc.				
	Intake Gas Pressure (kPa)	3~50				
	Gas Consumption (m ³ /kW.h)	≤0.3				
	Oil Consumption (g/kW.h)	≤0.5				
Alternator	Frequency (Hz)	50/60				
	Rated Voltage (V)	400/230(50Hz), 480/270(60Hz)				
	Excitation Method	Self-excited, Brushless, AVR				
	Phase/Connection	3 Phase 4 Wire, Y-connection, 0.8 Power Factor (Cosφ)				
	Protection Level	IP23				
	Insulation Class	H				
Control System	The standard control panel is with functions including manual keys, alarms, protections, auto start and shut down, showing running parameters in LCD Display by Deepsea or Smartgen Controller. Auto parallel control(optional), Auto Synchronization system (optional), Remote PC Monitor (optional)					
Options	Soundproof Container, ATS, Parallel & Synchronization Control, CHP (Heat Recovery System), Biogas Pre-treatment Machinery					
Dimension (for Open Genset, mm)	2650*1460* 1880	2650*1460* 1880	3000*1550* 1950	3000*1550* 1950	3000*1550* 1950	
Weight (KG)	2000	2250	2500	2500	2650	

Remarks:

- ◆ Both 50Hz and 60Hz are available,
- ◆ Special voltages are available.
- ◆ Special requirements for Soundproof Container, ATS, Parallel & Synchronization Control, CHP and Biogas Pre-treatment Machinery are optional
- ◆ The data herein can vary depending on individual production requirements or due to improved technology.



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