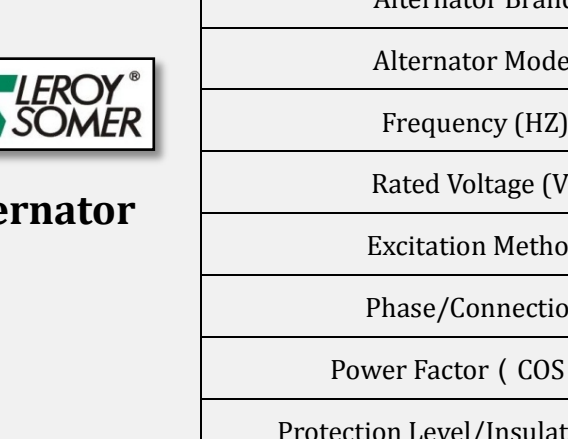
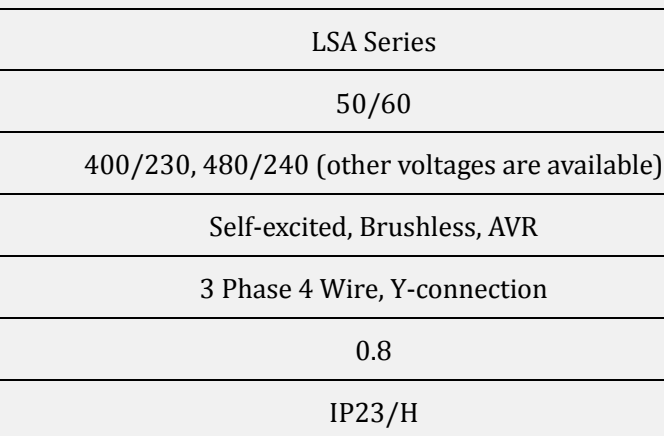
埃特斯動力設備有限公司
ETTES POWER MACHINERY CO., LTD.

Ettes Power Gas Generating 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 4000kva. 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 YSD, 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 350KVA Cummins Natural Gas Generator		
Gas Genset	Genset Model	**EC-350N**
	Rated Power (kW/kVA)	280/350
	Suggested Continuous Power (non stop working of 24 hours per day)	250kw
	Rated Current (A)	504
	Sound Level	With Silencer 82db @ 1m, With soundproof canopy 70db @ 1m
Gas Engine	Gas Engine Manufacture	CUMMINS
	Gas Engine Model	KTAA19-G
	Cooling Type	Water Cooled by Radiator
	Rated Speed (r/min)	1500 (50hz) / 1800 (60hz)
	Starting Method	24VDC Electrical
	Fuel	Natural gas, Coal Mine Gas, Oil Field Gas, Shale Gas etc
	Bore× Stock (mm)	159*159
	Displacement (L)	19
	Compression Ratio	10:1
	Cylinder numbers and Type	6 in Line
	Ignition System	Altronic from USA or Equal
	Governing System/Actuator	Woodward from USA or Heinzmann from Germany or Equal
	Gas Train	Manual cut-off valve
		1~10kPa pressure gauge
		Gas filter
		Safety Solenoid valve
		Zero pressure regulator
		Flame arrestor as option
	Ignition Type	Spark Plug Ignition
	Intake Gas Pressure Required (kPa)	2~8kPa
	Gas Consumption (m^3/kw.h)	0.25~0.3
	Oil Consumption (g/kw.h)	≤0.5 (oil grade SAE 40)
Alternator	Alternator Brand	Leroy Somer or Marathon or Equal
	Alternator Model	LSA Series
	Frequency (HZ)	50/60
	Rated Voltage (V)	400/230, 480/240 (other voltages are available)
	Excitation Method	Self-excited, Brushless, AVR
	Phase/Connection	3 Phase 4 Wire, Y-connection
	Power Factor（COS ¢）	0.8
	Protection Level/Insulation Class	IP23/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 Smart-gen Controller. Auto parallel control(optional), Auto Synchronization system (optional), Remote PC Monitor (optional)	
CHP System	Heat Recovery from Exhaust Gas (optional)	
	Heat Recovery from Exhaust gas and Jacket water (optional)	
Dimension (for Open Genset, mm)	3800*1550*2060	
Weight (for Open Genset, KG)	4630