



## Perkins Ettes Power Perkins Gas Engine Generator Set (Power-ranging from 300kW upto 1000kW)

Ettes Power is the leading manufacturer and supplier for diesel & gas generators from 20kW upto 4500kW. We can use world top engines (Cummins, Perkins, MAN, MWM, CNPC 190 Series and Low speed 300 Series etc.) to **ASSEMBLE** complete-generator-set. Ettes Power gensets enjoy hot markets in more than 70 countries all over the world including Latin America, Africa, Middle East, Europe and Asia markets.

Ettes Perkins gas generators is ranging from 300kW to 1000kW, to be driven by advanced Perkins 4000 series gas engines (4006, 4008, 4012 and 4016 series, **originally made in UK**).

### Features of Perkins engines driven gas genset

- Originally made in UK, to ensure the best technology and reliable performance.
- Utilizes advanced combustion technology to deliver durable and reliable power.
- In excess of 40% mechanical efficiency.
- Individual large valve cylinder heads with matched deep bowl pistons for greater swirl, achieve high mechanical efficiency.
- Pistons for greater swirl give exceptional mechanical efficiency and power-to-weight ratio.
- Piston temperatures are controlled by an advanced gallery jet cooling system to give reliable power.
- Flexibly designed for easy installation into a range of applications.
- Perkins 4000 Series Gas Centers of Excellence are set up specifically to provide you with the best advice and guidance on the options available to you.
- Provides low-cost power and heat.
- Long running and reliable - major overhaul after 64,000 hours



### Customer benefits to Choose Perkins Gas Engine Driven Generators & Power Plants

- Provide you with economical power, reliable power and compact-clean-efficient power.
- Extended durability and reduced servicing with extended component life add benefit of the reduced whole life cost.
- Exceptional power-to-weight ratio and compact size give optimum power density for ease of transportation and installation.
- Designed to provide excellent service access for ease of maintenance.
- Designed for operation on a wide range of methane based gases (natural gas, biogas, marsh gas, coal mine methane gas and oilfield gas etc.).
- All engines in the 4000 Series family are capable of meeting the NOx requirements of TA Luft
- All engines are covered by Perkins global united warranty and after sales service network.



### Main Specs of Perkins Natural Gas Generator (50Hz)

Genset Model	Output Power		Engine Model	Rotation Speed RPM (50HZ)	Alternator (Leroy Somer or Equal)	Cylinders No. & Type	Overall dimension (LxWxH)(mm)	Weight (kg)
	kW	kVa						
EP-300N	300	375	4006-23TRS1	1500	LSA Series	6.L	4646*1992*2189	6056
EP-375N	375	469	4006-23TRS2	1500	LSA Series	6.L	4646*1992*2189	6056
EP-425N	425	531	4008-30TRS1	1500	LSA Series	8.L	5540*1992*2283	7485
EP-500N	500	625	4008-30TRS2	1500	LSA Series	8.L	5540*1992*2283	7485
EP-600N	600	750	4012T401ESI	1500	LSA Series	12.Vee	6000*2100*3000	10000
EP-875N	875	1094	4016-61TRS1	1500	LSA Series	16.Vee	6430*2100*3370	13000
EP-1000N	1000	1250	4016-61TRS2	1500	LSA Series	16.Vee	6767*2100*2750	13300

#### Remarks:

- ◆ Above engines are originally made in Perkins UK, complete-generator-set is assembled by Ettes Power.
- ◆ Above Gensets are based on 50Hz/1500RPM,
- ◆ 60Hz/1800RPM is optional (engine speed adjusted from 1500RPM to 1800RPM by use of gear box)
- ◆ The standard AC Voltage of 400/230V, other special low Voltage and High Voltage of 3.3KV~13.8KV are available for options.
- ◆ Special requirements for Soundproof Canopy/Container, ATS, Synchronizing Parallel Control panels are available for options.
- ◆ Special requirement for CHP (Combined Heat and Power) and CCHP is available for options.
- ◆ The data herein is just for purpose of reference only and not binding. The data given in the official offer is decisive.



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