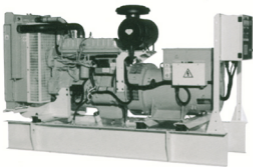




**DIESEL GENERATORS**  
**NATURAL GAS GENERATOR SETS**  
**Perkins Powered Range**

**Customized**  
**Power**  
**Solutions**



**AL Mohandes International Company AMi ..... Power Generation Specialists.**

**Design, Manufacturing, Supply, Install and After-sales Service For The Following:**

**Generator Sets**

- Gas Generating sets 350-1225 kVA
- Diesel Generating sets 5-2500 kVA
- Diesel Power packs 10-600 kW
- DC Welding Sets
- Pump Sets ( General Purpose & Fire Fighting )

**Canopies**

- Soundproof Canopies
- Weatherproof Canopies
- Super Silent Canopies

**Trailers**

- Single, Double & Triple Axles up to 60 Tons Load Capacity
- Low Bed Trailer
- High Speed Trailers ( up to 65 Km/hr )

**Switchgears**

- Manual Transfer Switch ( MTS )
- Automatic Mains Failure Starting ( AMF )
- Automatic Transfer Switch ( ATS )
- Automatic Synchronizing & Load Sharing

**Special Products**

- Flood Light Mobile Sets
- Dual Use ( Generator / Engine / Pump ) Sets
- Dual Use ( Generator / Engine / Compressor ) Sets

**Turn Key Energy Project**

- Power Stations ( Diesel Or Gas ) up to 25 MW
- Cost Analysis
- Technical Support
- Load calculations, analysis and selection.

## Natural Gas Generating Sets Rating

AMI Model	Engine Model	Alternator Model	50 Hz, 3 phases, 380 volts
			Continuous Power kVA
GG5 0350 P32S	4006-23TRS1	HCI 444 E	350
GG5 0450 P32S	4006-23TRS2	HCI 544 C	450
GG5 0530 P32S	4008-30TRS1	HCI 544 E	530
GG5 0623 P32S	4008-30TRS2	HCI 544 F	623
GG5 0740 P32S	4012-TE5I	HCI 634 G	740
GG5 1000 P32S	4016-TE5I	HCI 634 J	1000
GG5 1225 P32S	4016-E61TRS	PI 734 A	1225

Fuel specification: Natural gas having a Lower Calorific Value of 34.71 MJ/m<sup>3</sup>.

### Benefits:

- Utilises advanced combustion technology to deliver durable and reliable power.
- Exceptional mechanical efficiency and power to weight ratio.
- Improved emissions meeting the NOx requirements of TA Luft.
- Compact size gives optimum ease of transportation and installation.

### AMI genset standard specifications:

- 1- Gensets rating** Ratings are based on nominal 380V 3ph 50Hz; for performance outside these parameters, please consult AMI.
- 2- Engine and AC Alternator** PERKINS multi-cylinders natural gas engine close coupled to STAMFORD Alternator.
- 3- Genset base frame** The engine and alternator are close coupled and mounted on a common heavy duty fabricated steel base frame.
- 4- Genset control panel** Either manual or logically controlled to control and protect the genset.
- 5- Genset circuit breaker** Enclosed in a separate enclosure, mounted on the genset base frame.
- 6- Exhaust silencer** Industrial or residential silencer can be supplied, according to noise level requirements.