

GENERATING RATES

SERVICE		PRIME	STANDBY
Power	kVA	200	220
Power	kW	160	176
Rated Speed	r.p.m.	1500	
Standard Voltage	V	400	
Available Voltages	V	230 - 230/132 - 400/230 V	
Rated at Power Factor	Cos Phi	0,8	

EUROGEN Company with quality certification ISO 9001

EUROGEN gensets are compliant with EC mark which includes the following directives:

- 2006/42/CE Machinery safety.
- 2006/95/EC Low voltage.
- 2004/108/CE Electromagnetic compatibility.
- 2000/14/EC Sound Power level. Noise emissions outdoor equipment. (amended by 2005/88/EC)
- EN 12100, EN 13857, EN 60204
- Ambient conditions of reference according to ISO 8528-1:2005 normative: 1000 mbar, 25°C, 30% relative humidity.

Prime Power (PRP):

According to ISO 8528-1:2005, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

Emergency Standby Power (ESP):

According to ISO 8528-1:2005, Émergency standby power is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals

and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP

EUROGEN HEADQUARTERS:

Factory: Büyükdikili Mah. 93015 Sok. No:1/1 (Adana-Mersin Yolu Üzeri 15. Km. Bossa Karşısı) Seyhan / ADANA / TURKEY









ENGINE SPECIFICATIONS 1500 r.p.m.

HP 244

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LEYLAND Make

Model AL11TAG1

Engine Type Diesel 4 strokes-cycle

Number of Cylinder

Cylinder arrangement In line

Aspiration Turbocharged

Compression ratio 16,2:1

Bore and Stroke 105 x 130

Displacement 6,75

Cooling system Water Cooled

Total coolant capacity 22,5

Total lubrication 48

Governor type Electronic

12 VDC Electric system

APPLICATION DATA

Fuel System

Fuel Oil Specifications		Diesel
Fuel Tank Capacity	Lt	335

Fuel Consumption:

Fuel Consumption 75% Loaded Lt/h 28,7







GENERATOR

Poles	Num	
Winding Conections (standard)		Star-serie
Frame Mounting		S-3 11"1/
Insulation	Class	H clas
Enclosure (according IEC-34-5)	Num	IP2
Exciter System		self-excited, brushles
Voltage Regulator		A.V.R. (Electronic
Bearing		Single bearin
Coupling		Flexible dis
Coating type	Standard (Vacuum impregnation)	

GENERATING SETS STANDARD and OPTIONAL FEATURES

Engine

- Diesel engine
- 4 strokes-cycle
- Water cooled
- 12 V electrical system
- Radiator with blowing fan
- Water separator decanting fitler (no visible level)
- Mechanical / Electronic governor
- Sender WT
- Senders OP
- Dry air cleaner
- Hot components and radiator guards
- Mobile components guards
 - Optional: Low water level sensor







Alternator

- VDE 0530 & IEC 34-1 standardizations
- Synchron type brushless
- Automatic voltage regulation (AVR)
- Overload acceptance: 110% for 1 hour, 150% for 2 minutes
- Short circuit resistance: 300 for 10 seconds
- Insulation class: H
- Insulation resistance: 1800 VAC
- Voltage: 230/400 V 3 phase
- Voltage regulation: +/- 0,5%
- Protection class: IP23
- Power factor (cosq): 0,8
- Frequency: 50 Hz

Chassis

- Mounted on the steel base chassis
- Elastic vibration dampers between engine and chassis
- Chassis integrated fuel tank
- Dial type mechanical fuel indicator

Canopy

- Easy lifting and moving
- Metal parts are coated with electrostatic polyester coated, powder painted
- Thermally insulated exhaust system





ELG-220 TH50



Automatic Control Panel

- Microprocessed AMF Electronic Control Panel
- Protection fuses
- Battery charger
- Power transfer (For ATS)
- Emergency stop button



Manuel Control Panel

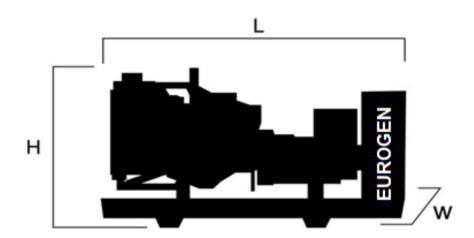
- Microprocessed Electronic Control Panel
- Relays
- Protection fuses
- Thermic magnetic circuit breaker (TMS) 3-pole
- Emergency stop button







GENSET DIMENSIONS



Open Type Dimension and Weight

Lenth x Width x Height	2400 x 1100 x 1650	mm
Weight	1440	Kg

(*) (with standard accesories)

Canopy Type Dimension and Weight

Lenth x Width x Height	3300 x 1100 x 1800	mm
Weight	1820	Kg

^{(*) (}with standard accesories)

Eurogen reserves the right to modify any characteristic without prior notice.

Weights and dimensions based on products standar. Illustrations may include optional equipment. Technical data described here correspond with the available information at the moment of printing. Industrial design under patent.

Local



