



ATC25, DIESEL GENSET

Powered by Cummins Engine
50Hz, 380V, 1500RPM

BAGHDAD AL SALAM CO.

www.baghdadalsalam.com



STANDARD SPECIFICATION

Voltage Regulation

Voltage regulation maintained within $\pm 0.5\%$

- Between 0.8 and 1.0 lagging and unity
- From no load to full load
- At speed droop variation up to 4.5%

Frequency Adjustable Ratio

- Change load from 0-100%, within 1.0% (electric speed regulator), within 4.5% (mechanical speed regulator)

Frequency Undulation

- Load from 0-100%, Frequency undulation within 0.25%
- No load wire volts max undulation ratio within 1.8%
- Three phase balanced load in the order of 5%

Effect factor of telecom

- TIF better than 50
- THF to BS4999 Part 40 better than 2%

Electromagnetism

In compliance with BS800 and VDE levels G and N

General Features

- Heavy-duty industrial diesel engine
- Brushless synchronous alternators: four-pole construction, dynamically balanced
- Prototype tested and production tested
- Gen-set accepts rated load in one step
- 8-hour base mounted fuel tank
- Operation & Maintenance manual
- Special Integrated Steel Base tank and sprayed overall in gloss enamel paint
- Canopy Color: Yellow, White and Green
- Optional weather-proof and sound attenuated enclosures available
- Full range of accessories and options available
- Battery Rack and batteries
- Manufactured in an ISO-9001 certified facility
- Backed by a world wide network of parts and service center

CRITERION

ISO 9001:2000, ISO3046, ISO8528 BS4999
BS5000PT99, BS5514, AS1359, IEC34 UTE5100
VDE0530, CSA A22.2, CEMA, NEA



Genset model	ATC25
Power Output (PRP)	20 KW 25 KVA
Power Output (ESP)	22 KW 27.5 KVA
Engine Model	4B3.9-G1 / X2.5G2
Alternator	EUROPEAN TYPE
Canopy Type	G25

1. Available in the following voltages:
440/254-415/240V-400/230V-380/220V -220/127V -200/115V.
2. ESP: Standby Power-Standby duty operation under variable, without overload.
3. PRP: Prime Power-Continuous duty operation, under variable load 24/24-h-10% overload permissible 1 hour/12hours.
4. This generator works normally at 55° C with derating.

