



# ATC825, 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
- Operation & Maintenance manual
- Special Integrated Steel Base tank and sprayed overall in gloss enamel paint
- Canopy Color: white, yellow, 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	ATC825
Power Output (PRP)	660KW 825KVA
Power Output (ESP)	726KW 907KVA
Engine Model	KTA38-G2 / QSK23G3
Alternator	EUROPEAN TYPE
Canopy Type	ISO825

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.





## OPTIONAL FEATURES

- ▶ Low fuel level alarm shutdown
- ▶ Automatic Fuel Filling System
- ▶ Engine Oil Heater
- ▶ Remote Radiator
- ▶ Charge Voltmeter
- ▶ Charge Ammeter
- ▶ Critical Silencer
- ▶ PMG
- ▶ Tool Kit
- ▶ Residential Silencer
- ▶ Auto Transfer Switch (ATS)
- ▶ Earth Fault Relay
- ▶ Remote Monitor Interface
- ▶ Protection for Alarm Module & Auxiliary Relay
- ▶ Parallel Control Panel
- ▶ Circuit Breaker MCCB & ACB
- ▶ Remote Control Panel



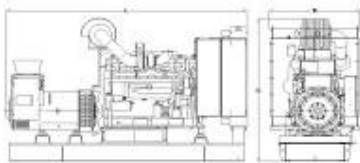
- ▶ Protection for Alarm Module & Auxiliary Relay
- ▶ Circuit Breaker MCCB & ACB
- ▶ Mains auto-charger
- ▶ Engine/Alternator Heaters
- ▶ Trailer
- ▶ Enclosures or Soundproof Canopy
- ▶ Manual Sump Oil Drain Pump
- ▶ Packing-Export Box
- ▶ And More

### Voltage Connections

- 277/480V,3 Phase
- 254/440V,3 Phase
- 240/416V,3 Phase
- 230/400V,3 Phase
- 220/380V,3 Phase
- 127/220V,3 Phase
- 115/200V,3 Phase
- 110/190V,3 Phase

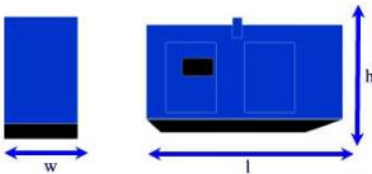


## DIMENSIONS



### Open Model Excluding option

Overall size (L\*W\*h), mm:  
4250\*2060\*2482  
Weight (kg):6811



### Enclosure Unit

Overall size (L\*W\*h), mm:  
6060\*2440\*2600  
Weight (kg) :6811+2300



In line with our policy of continuous product development, we reserve the right to change sp

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