

# YBC 25 – X2.5G2

## COMPLETE DIESEL GENERATOR SET

ISSUE 2015

### CONTENT

DESCRIPTION	1
FEATURES	1
GENSET SPECIFICATIONS	1
ENGINE SPECIFICATIONS	2
ALTERNATOR SPECS	2
CONTROL SYSTEM	2
GENSET OPTIONS	2

### POWER RATING

#### RATING - 50HZ, 1500 RPM

PRIME RATING		STANDBY RATING	
KW	KVA	KW	KVA
20	25	22	27.5

## DATA SHEET SPECIFICATION 25KVA - 27.5KVA - 50 HZ



### Description

Younes Bros generators are fully designed to maintain optimum performance and reliability using the finest solutions for technical simplicity and robust construction

Our generators are available with **CE** certification along with the installation Quality Assurance ( **IQA** ) from Cummins and designed in facilities certified to ISO 9001



YBC 25 - X2.5G2



### Features

- Cummins heavy duty engines
- Stamford Class H Alternators
- Deep Sea control system
- Water cooling system
- Optional weather 7 sound protective enclosures
- Genset accepts load as per NFPA110

### Genset Specifications

Generating set KVA Prime 25 KVA Standby 27.5 KVA, equipped with Cummins diesel engine type X2.5-G2 driving at 1500 RPM.

A single bearing Stamford alternator brushless, self excited, self regulated, insulation and temperature class H, PH 0.8, 220/380V, 3 phase, 4 wire regulated at +/- 1%, 50 Hz.

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### Engine Specifications

- BRAND : CUMMINS
- TYPE : X2.5-G2
- Output prime rating : 25 KVA
- Displacement : 2.5 Liter
- No of cylinders : Inline 3
- Ambient Temperature : 55°C
- Bore : 91.4 mm
- Stroke : 127 mm
- Cycle : 4 Stroke
- Aspiration : Naturally Aspirated
- Running speed : 1500 RPM
- Fuel Consumption : 25% - 3.3 liter/hour  
50% - 5.1 liter/hour  
100% - 7.7 liter/hour
- Type of governor : Mechanical
- Type of Injection : Bosch Mechanical



### Alternator Specifications

- Brand : Stamford
- Rated Voltage : 380 V
- Phase : 3
- Rotational Speed : 1500 RPM
- Power Factor : 0.8
- Frequency : 50 Hz

### Control System

Deep Sea Automatic Start Control module that offers an advanced range of engine monitoring and protection features

### Generator Set Options

- Engine:** Water jacket heater 220V
- Enclosure:** Sound attenuated canopy
- Alternator:** Alternator Heater  
PMG kit
- Power Panel:** 4 Poles Main Circuit Breaker

- Warranty:** 5 Years for standby application  
2 Years for prime application
- Silencer :** 9 dB attenuation industrial silencer  
25 dB residential - delivered loose

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