

# YBC 125 - 6BTAA5.9G3 + UCI274E

## Complete Diesel Generator Set



### Specification Sheet 125 KVA—138 KVA 50 HZ

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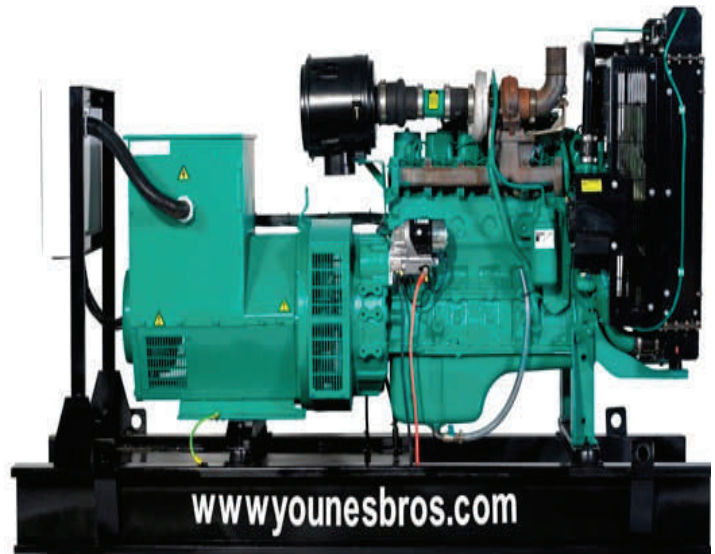
#### Description

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 and are designed in facilities certified to ISO 9001



ISO 9001:2008



#### 6BTAA5.9G3 - 50 HZ, 1500RPM

Standby Rating		Prime Rating	
KW	KVA	KW	KVA
110	138	100	125

#### 6BTAA5.9G3 - 60 HZ, 1800RPM

Standby Rating		Prime Rating	
KW	KVA	KW	KVA
N/A	N/A	N/A	N/A

#### Generator Specifications

Generating set **125 KVA prime 138KVA standby**, equipped with **CUMMINS** Diesel engine type **6BTAA5.9-G3** driving at 1500 RPM.

A single bearing **STAMFORD** alternator, type **UCI274E** brushless, self excited, self regulated, insulation and temperature class H, PF 0.8, 230/400 V. 3 phase, 4 wire regulated at +/-1%,50 Hz.

#### Features

- Cummins Heavy Duty Engines
- Stamford Class H Alternators
- Deep Sea Control System
- Water Cooling System
- Optional Weather & Sound Protective Enclosures
- Warranty

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| Specifications subject to change without notice |

## Engine Specifications

- Maker	: CUMMINS
- Type	: 6BTAA5.9-G3
- Output Prime rating	: 125 KVA
- Displacement	: 5.9 liter
- No of cylinders	: Inline 6
- Ambient Temperature	: 55°C
- Bore	: 102 mm
- Stroke	: 120 mm
- Cycle	: 4 stroke
- Aspiration	: Turbo Charged & Air to Air aftercooled
- Running speed	: 1500 RPM
- Fuel consumption at continuous power	: 100% .....21 liter/hour
- Type of governor	: Electronic
- Type of injection	: Bosch Mechanical

## Alternator Specifications

- Maker	: STAMFORD
- Type	: UC1274E
- Rating KVA	: 140 KVA
- Rating KW	: 112 KW
- Rated voltage	: 400 V
- Phase	: 3
- Rotational speed	: 1500 RPM
- Power factor	: 0.8
- Frequency	: 50Hz

## Control System

Deep Sea 6010 Automatic Start Control Module that offers an advanced range of engine monitoring and protection features.



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## Generator Set Options

### Engine

- Water jacket heater 230 V

### Enclosure

- Sound attenuated canopy

### Alternator

- Alternator Heater
- PMG Kit

### Power Panel

- 4 Poles Main Circuit Breaker

### Control Panel

- Deep Sea 7310 Control Module

### 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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