

YBC 125 - 6BTAA5.9G3 + UCI274E

Complete Diesel Generator Set

Specification Sheet 125 KVA—138 KVA 50 HZ

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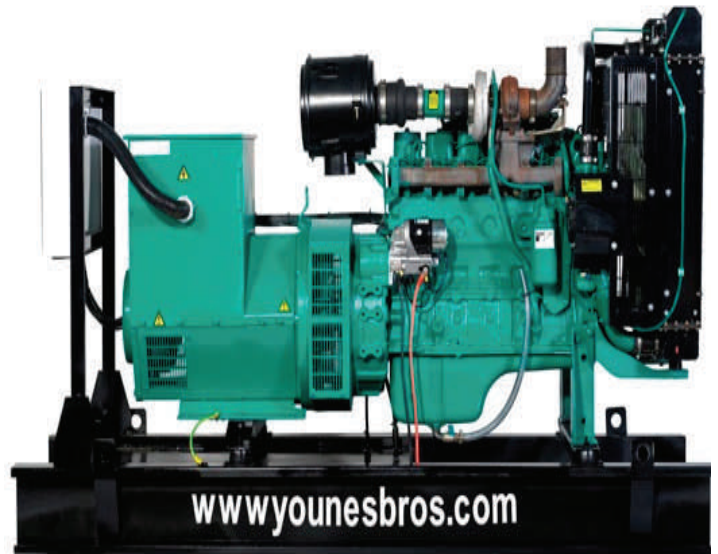
Description

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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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.



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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