

YBC 153 – 6BTAA5.9G6

COMPLETE DIESEL GENERATOR SET

ISSUE 2015

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POWER RATING

RATING - 60HZ, 1800 RPM

PRIME RATING		STANDBY RATING	
KW	KVA	KW	KVA
122.4	153	135.2	169

DATA SHEET SPECIFICATION 153KVA - 169KVA - 60 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 153- 6BTAA5.9G6**

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 153KVA Standby 169 KVA, equipped with Cummins diesel engine type 6BTAA5.9G6 driving at 1800 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%, 60 Hz.

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Engine Specifications

- BRAND : CUMMINS
- TYPE : 6BTAA5.9G6
- Output prime rating : 153KVA
- 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 and after cooled
- Running speed : 1800 RPM
- Fuel Consumption : 25% - 11.7 liter/hour
50% - 20.7 liter/hour
100% - 36.5 liter/hour
- Type of governor : Electronic (ISO 8528 Part I Class G3)
- Type of injection : Direct Injection



Alternator Specifications

- Brand : Stamford
- Rated Voltage : 380 V
- Phase : 3
- Rotational Speed : 1800 RPM
- Power Factor : 0.8
- Frequency : 60 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

Younes Bros s.a.r.l

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YB//
GENERATORS

THE POWER OF INDEPENDENCE

www.younesbros.com

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Specification subject to change without prior notice