

# YBC 60AA – 4BTAA3.3G14

## COMPLETE DIESEL GENERATOR SET

ISSUE 2022

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### POWER RATING

#### RATING - 50HZ, 1500 RPM

PRIME RATING		STANDBY RATING	
KW	KVA	KW	KVA
48	60	52.8	66

### DATA SHEET SPECIFICATION 60KVA - 66KVA - 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 60AA - 4BTAA3.3G14**

#### 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 60 KVA Standby 66 KVA, equipped with Cummins diesel engine type 4BTAA3.3G14 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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**YOUNES//BROS**

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### Engine Specifications

- BRAND : CUMMINS
- TYPE : 4BTAA3.3G14
- Output prime rating : 60 KVA
- Displacement : 3.3 Liter
- No of cylinders : Inline 4
- Ambient Temperature : 55°C
- Bore : 95 mm
- Stroke : 115 mm
- Cycle : 4 Stroke
- Aspiration : TurboCharged & charge air cooled
- Running speed : 1500 RPM
- Fuel Consumption : 25% - 4 liter/hour  
50% - 8 liter/hour  
100% - 15 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

### Younes Bros s.a.r.l

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THE POWER OF INDEPENDENCE

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Specification subject to change without prior notice