

# YBC 1000 – QST30G4

## COMPLETE DIESEL GENERATOR SET

ISSUE 2015

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### POWER RATING

#### RATING - 50HZ, 1500 RPM

PRIME RATING		STANDBY RATING	
KW	KVA	KW	KVA
800	1000	880	1100

### DATA SHEET SPECIFICATION 1000KVA - 1100KVA - 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 1000 - KTA50G3



#### 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 NFPA 110

#### Genset Specifications

Generating set KVA Prime 1000KVA Standby 1100 KVA, equipped with Cummins diesel engine type QST30G4 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 : QST30G4
- Output prime rating : 1000 KVA
- Displacement : 30.48 Liter
- No of cylinders : Vee 12
- Ambient Temperature : 55°C
- Bore : 140 mm
- Stroke : 165 mm
- Cycle : 4 Stroke
- Aspiration : Turbo Charged & after cooled
- Running speed : 1500 RPM
- Fuel Consumption : 25% - 54 liter/hour  
50% - 102 liter/hour  
100% - 156 liter/hour
- Type of governor : Electronic ( ISO 8528 PartI Class G3)
- Type of injection : Bosch P8500 LLA Direct Injection



### 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

YB//  
GENERATORS



THE POWER OF INDEPENDENCE

[www.younesbros.com](http://www.younesbros.com)

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Specification subject to change without prior notice