

# YBC 284 – QSL9G3

## COMPLETE DIESEL GENERATOR SET

ISSUE 2015

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### POWER RATING

**RATING - 60HZ, 1800 RPM**

| PRIME RATING |     | STANDBY RATING |     |
|--------------|-----|----------------|-----|
| KW           | KVA | KW             | KVA |
| 227          | 284 | 250            | 313 |

## DATA SHEET SPECIFICATION 284KVA - 313KVA - 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 284 - QSL9G3**

### 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 284 KVA Standby 313 KVA, equipped with Cummins diesel engine type QSL9G3 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 : QSL9-G3
- Output prime rating : 284 KVA
- Displacement : 8.8 Liter
- No of cylinders : Inline 6
- Ambient Temperature : 55°C
- Bore : 114 mm
- Stroke : 145 mm
- Cycle : 4 Stroke
- Aspiration : Turbo Charged and Charge air cooled
- Running speed : 1800 RPM
- Fuel Consumption : 25% - 21 liter/hour  
50% - 41 liter/hour  
100% - 63 liter/hour
- Type of governor : Electronic ( ISO 8528 Part I Class G3)
- Type of injection : Bosch HPCR



### 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

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