

YBC 409 – QSX15G4

COMPLETE DIESEL GENERATOR SET

ISSUE 2015

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POWER RATING

RATING - 50HZ, 1500 RPM

PRIME RATING		STANDBY RATING	
KW	KVA	KW	KVA
327	409	360	450

DATA SHEET SPECIFICATION 409KVA - 450KVA - 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 409- QSX15G4



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 I 10

Genset Specifications

Generating set KVA Prime 409KVA Standby 450KVA, equipped with Cummins diesel engine type QSX15G4 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	:	QSX15G4
• Output prime rating	:	409KVA
• Displacement	:	15 Liter
• No of cylinders	:	Inline 6
• Ambient Temperature	:	55°C
• Bore	:	137 mm
• Stroke	:	169 mm
• Cycle	:	4 Stroke
• Aspiration	:	Turbo Charged & after cooled
• Running speed	:	1500 RPM
• Fuel Consumption	:	25% - 31.8 liter/hour 50% - 53.4 liter/hour 100% - 72.liter/hour
• Type of governor	:	Electronic (ISO 8528 PartI Class G3)
• Type of injection	:	Cummins HPI –TP



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

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