YOUNES<mark>#</mark>BROS

FULLY INTEGRATED GENERATOR SETS

YBC 250 - QSL9G3

COMPLETE DIESEL GENERATOR SET

DATA SHEET SPECIFICATION 250KVA - 275KVA - 50 HZ

ISSUE 2015

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POWER RATING

RAT	'ING - 5	0HZ, 15	00 RPM
PRIME	RATING	STANDB	Y RATING
KW	KVA	КW	KVA
200	250	220	275

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

Younes Bros generators are fully designed to maintain optimum performance and reliability using the

Description



YBC 250 - 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 NFPAII0

Genset Specifications

Generating set KVA Prime 250 KVA Standby 275 KVA, equipped with Cummins diesel engine type QSL9-G3 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 : QSL9-G3 Output prime rating : 250 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 & charge air cooled Running speed : 1500 RPM Fuel Consumption : 25% - 18 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part I Class G3) Type of injection : Bosch HPCR 				
 Output prime rating : 250 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 & charge air cooled Running speed : 1500 RPM Fuel Consumption : 25% - 18 liter/hour 50% - 34 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part I Class G3) 	٠	BRAND	:	CUMMINS
 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 & charge air cooled Running speed : 1500 RPM Fuel Consumption : 25% - 18 liter/hour 50% - 34 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part1 Class G3) 	٠	TYPE	:	QSL9-G3
 No of cylinders : Inline 6 Ambient Temperature : 55°C Bore : I14 mm Stroke : I45 mm Cycle : 4 Stroke Aspiration : Turbo Charged & charge air cooled Running speed : I500 RPM Fuel Consumption : 25% - 18 liter/hour 50% - 34 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part1 Class G3) 	٠	Output prime rating	:	250 KVA
 Ambient Temperature : 55°C Bore : 114 mm Stroke : 145 mm Cycle : 4 Stroke Aspiration : Turbo Charged & charge air cooled Running speed : 1500 RPM Fuel Consumption : 25% - 18 liter/hour 50% - 34 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part I Class G3) 	٠	Displacement	:	8.8 Liter
 Bore : I14 mm Stroke : I45 mm Cycle : 4 Stroke Aspiration : Turbo Charged & charge air cooled Running speed : I500 RPM Fuel Consumption : 25% - 18 liter/hour 50% - 34 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part I Class G3) 	٠	No of cylinders	:	Inline 6
 Stroke : 145 mm Cycle : 4 Stroke Aspiration : Turbo Charged & charge air cooled Running speed : 1500 RPM Fuel Consumption : 25% - 18 liter/hour 50% - 34 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part I Class G3) 	٠	Ambient Temperature	:	55°C
 Cycle : 4 Stroke Aspiration : Turbo Charged & charge air cooled Running speed : 1500 RPM Fuel Consumption : 25% - 18 liter/hour 50% - 34 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part I Class G3) 	٠	Bore	:	II4 mm
 Aspiration : Turbo Charged & charge air cooled Running speed : I500 RPM Fuel Consumption : 25% - 18 liter/hour 50% - 34 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part I Class G3) 	٠	Stroke	:	145 mm
 Running speed : I500 RPM Fuel Consumption : 25% - 18 liter/hour 50% - 34 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part I Class G3) 	٠	Cycle	:	4 Stroke
 Fuel Consumption : 25% - 18 liter/hour 50% - 34 liter/hour 100% - 53 liter/hour Type of governor : Electronic (ISO 8528 Part I Class G3) 	٠	Aspiration	:	Turbo Charged & charge air cooled
 Type of governor Type of governor 	٠	Running speed	:	1500 RPM
Type of governor : Electronic (ISO 8528 Part I Class G3)	٠	Fuel Consumption	:	25% - 18 liter/hour
Type of governor Electronic (ISO 8528 Part I Class G3)				50% - 34 liter/hour
				100% - 53 liter/hour
Type of injection : Bosch HPCR	٠	Type of governor	:	Electronic (ISO 8528 Part I Class G3)
	٠	Type of injection	:	Bosch HPCR

Alternator Specifications

Brand	:	Stamford
Rated Voltage	:	380 V
Phase	:	3
Rotational Speed	:	1500 RPM
Power Factor	:	0.8
Frequency	:	50 Hz
	Rated Voltage Phase Rotational Speed Power Factor	Rated Voltage:Phase:Rotational Speed:Power Factor:

Deep Sea Automatic Start Control module that offers an advanced range of engine monitoring and protection features

Control System

CE

Generator Set Options

Engine:	Water jacket heater 220V	Warranty:	5 Years for standby application
Enclosure:	Sound attenuated canopy		2 Years for prime application
Alternator:	Alternator Heater	Silencer :	9 dB attenuation industrial silencer
	PMG kit		25 dB residential - delivered loose
Power Panel:	4 Poles Main Circuit Breaker		



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