

YBC 1418 – KTA50G3

COMPLETE DIESEL GENERATOR SET

ISSUE 2015

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POWER RATING

RATING - 60HZ, 1800 RPM

PRIME RATING		STANDBY RATING	
KW	KVA	KW	KVA
1135	1418	1250	1610

DATA SHEET SPECIFICATION 1418KVA - 1610KVA - 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 1418 - 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 NFPA110

Genset Specifications

Generating set KVA Prime 1418 KVA Standby 1610 KVA, equipped with Cummins diesel engine type KTA50-G3 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 : KTA50-G3
- Output prime rating : 1418 KVA
- Displacement : 50.3 Liter
- No of cylinders : Vee 16
- Ambient Temperature : 55°C
- Bore : 159 mm
- Stroke : 159 mm
- Cycle : 4 Stroke
- Aspiration : Turbo Charged & after cooled
- Running speed : 1800 RPM
- Fuel Consumption : 25% - 89 liter/hour
50% - 157 liter/hour
100% - 242 liter/hour
- Type of governor : Electronic (ISO 8528 Part I Class G3)
- Type of injection : Direct Injection Cummins PT



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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