

# YBC 681 – VTA28G5

## COMPLETE DIESEL GENERATOR SET

ISSUE 2015

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### POWER RATING

#### RATING - 60HZ, 1800 RPM

PRIME RATING		STANDBY RATING	
KW	KVA	KW	KVA
545	681	600	750

## DATA SHEET SPECIFICATION 681KVA - 750KVA - 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 681- VTA28G5**

### 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 681 KVA Standby 750 KVA, equipped with Cummins diesel engine type VTA28G5 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 : VTA28-G5
- Output prime rating : 681 KVA
- Displacement : 28 Liter
- No of cylinders : Vee 12
- Ambient Temperature : 55°C
- Bore : 140 mm
- Stroke : 152 mm
- Cycle : 4 Stroke
- Aspiration : Turbo Charged & after cooled
- Running speed : 1800 RPM
- Fuel Consumption : 25% - 50 liter/hour  
50% - 84 liter/hour  
100% - 128 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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