

# YBC 636 - VTA28G5 + HCI544F

## Complete Diesel Generator Set

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#### VTA28G5- 50 HZ, 1500RPM

Standby Rating		Prime Rating	
KW	KVA	KW	KVA
560	700	509	636

#### VTA28G5- 60 HZ, 1800RPM

Standby Rating		Prime Rating	
KW	KVA	KW	KVA
600	750	545	681

## Specification Sheet 636 KVA — 700 KVA 50 HZ

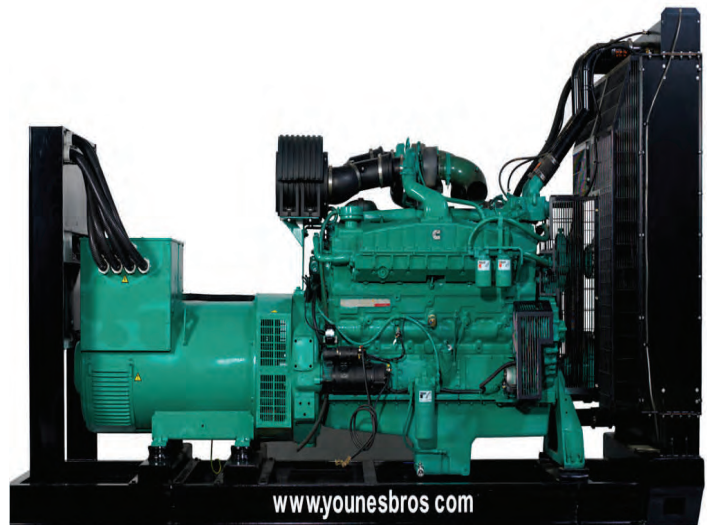
### Description

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 and are designed in facilities certified to ISO 9001



### ISO 9001:2008



### Features

- Cummins Heavy Duty Engines
- Stamford Class H Alternators
- Deep Sea Control System
- Water Cooling System
- Optional Weather & Sound Protective Enclosures
- Warranty

### Generator Specifications

Generating set **636 KVA prime 700 KVA standby**, equipped with **CUMMINS** Diesel engine type **VTA28-G5** driving at 1500 RPM.

A single bearing **STAMFORD** alternator, type **HCI544F** brushless, self excited, self regulated, insulation and temperature class H, PF 0.8, 220/380 V. 3 phase, 4 wire regulated at +/-1%,50 Hz.

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## Engine Specifications

- Maker	: CUMMINS
- Type	: VTA28-G5
- Output Prime rating	: 636 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 & aftercooled
- Running speed	: 1500 RPM
- Fuel consumption at continuous power	: 100% ..... 128 liter/hour
- Type of governor	: Electronic
- Type of injection	: Direct Injection Cummins PT

## Alternator Specifications

- Maker	: STAMFORD
- Type	: HCI544F
- Rating KVA	: 670 KVA
- Rating KW	: 536 KW
- Rated voltage	: 380 V
- Phase	: 3
- Rotational speed	: 1500 RPM
- Power factor	: 0.8
- Frequency	: 50Hz

## Control System

Deep Sea 7310 Automatic Start Control Module that offers an advanced range of engine monitoring and protection features.



The POWER of Independence

## Generator Set Options

### Engine

- Water jacket heater 220 V

### 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



**YOUNES BROS s.a.r.l**

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