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POWER RATING**RATING - 50HZ, 1500 RPM**

PRIME RATING		STANDBY RATING	
KW	KVA	KW	KVA
16	20	17.6	22

YBP20 – 404A-22G1

COMPLETE DIESEL GENERATOR SET

ISSUE 2023



DATA SHEET SPECIFICATION 20KVA - 22KVA - 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 Perkins and designed in facilities certified to ISO 9001:2015 & ISO 14001:2015

**YBP20 - 404A-22G1**

Features

- Perkins heavy duty engines
- Leroy Somer 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 20 KVA Standby 22 KVA, equipped with Perkins diesel engine type 404A-22G1 driving at 1500 RPM.

A single bearing Leroy Somer 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.

THE POWER OF INDEPENDENCE

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Specifications subject to change without prior notice

Engine Specifications

- BRAND : PERKINS
- TYPE : 404A-22G1
- Output prime rating : 20 KVA
- Displacement : 2.216 Liters
- No of cylinders : 4
- Ambient Temperature : 55°C
- Bore : 84 mm
- Stroke : 100 mm
- Cycle : 4 Stroke
- Aspiration : Naturally aspirated
- Running speed : 1500 RPM
- Fuel Consumption : 50% - 2.9 liters/hour
75% - 4 liters/hour
100% - 5.3 liters/hour
- Type of governor : Mechanical
- Type of Injection : Indirect injection



Alternator Specifications

- Brand : Leroy Somer
- 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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