

YBLP 83 – LP443G3

COMPLETE DIESEL GENERATOR SET

ISSUE 2023

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POWER RATING

RATING - 50HZ, 1500 RPM

PRIME RATING		STANDBY RATING	
KW	KVA	KW	KVA
66	83	73	90

DATA SHEET SPECIFICATION 83KVA - 90KVA - 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

Lister Petter and designed in facilities certified to ISO 9001

**YBLP 83 - LP443G3**

Features

- Lister Petter heavy duty engines
- Leroy Somer Class H Alternators
- Deep Sea control system
- Water cooling system
- Optional weather / sound protective enclosures
- Genset accepts load as per NFPA I 10

Genset Specifications

Generating set KVA Prime 83 KVA Standby 90 KVA, equipped with Lister Petter diesel engine type LP443G3 driving at 1500 RPM.

A single bearing Leroy Somer alternator brushless, self excited, self regulated, insulation and temperature class H, PH 0.8, 230/400V, 3 phase, 4 wire regulated at +/- 1%, 50 Hz.

Engine Specifications

- BRAND : LISTER PETER
- TYPE : LP443G3
- Output prime rating : 83 KVA
- Displacement : 4.3 Liter
- No of cylinders : 4
- Ambient Temperature : 55°C
- Bore : 105 mm
- Stroke : 124 mm
- Cycle : 4 Stroke
- Aspiration : TURBOCHARGED
- Running speed : 1500 RPM
- Fuel Consumption : 25% - 5.5 liter/hour
50% - 9.9 liter/hour
75% - 14.3 liter/hour
100% - 19.5 liter/hour
- Type of governor : Electronic
- Type of Injection : Direct



Alternator Specifications

- Brand : Leroy Somer
- Rated Voltage : 400 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 230V
- 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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