

The Power you can Trust, the Way
to work faster.

Soundproof Diesel Engine TLG 7.5 LSK



SPECIFICATIONS

MODEL	TLG-7.5LSK		
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Alternator

Frequency	Hz	50	60
Rated Output (kVA)	Continuous	6.5	7.5
Rated Voltage (V)	50 Hz: 190~240 (380~480) 60 Hz: 190~240 (380~480)		
Power Factor	0.8 (Lagging)		
No. of Phase	3 Phase, 4 wire		
Exciting system	Brushless, (with A.V.R)		

Diesel Engine

Manufacturer & Model	Kubota Z482-K3A		
Type	4-cycle, water cooled		
No. of cylinders- Bore x stroke	2 - 67x68		
Piston Displacement (L)	0.479		
Rated Output (kw/min-1)	6.8/3000 rpm	8.0/3600 rpm	
Fuel	ASTM No. 2 Diesel Fuel or Equivalent		
Fuel Tank Capacity (L)	26		
Fuel Consumption (L/H)	1.7	2.1	

Dimensions and Weight

Length (mm)	1220		
Width (mm)	610		
Height (mm)	720		
Dry Weight (kg)	260		

Sound Level

7m dB (A) 1500/1800rpm (min ⁻¹)	61	63
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- * Rated output applies to operating under standard conditions as per JIS B8014.
- * Fuel consumption is based on operation at 75 % load.
- * Sound level reflects high speed no load operation and is calculated by averaging the measurements at four points, each 7 meters from the source.
- * Colors of products would be different from pointed ones of catalogues.
- * Specifications given herein are subject to change without notice.

PERFORMANCE FEATURES

HIGH PERFORMANCE

The Denyo generating systems guarantees the following levels of performance:

FREQUENCY REGULATION:

Within 5.0% through no load to full-load.

VOLTAGE WAVEFORM: Deviation Factor of open-circuit terminal voltage does not exceed 0.06. Telephone Influence Factor (TIF) is less than 50.

INSULATION RESISTANCE

-Higher than 3 Mega-ohms, measured between armature windings and earth, field windings and earth, field control circuit and earth.

- The innovative excitation system* fitted on all models, in conjunction with the AVR and advanced brushless generator, provides fast voltage regulation in response to load variations, enabling use soon after start up. This system provides output stability during load variations.

- Synchronous brushless alternator for minimal wear.

-Designed to function in all climatic conditions.

- Will safely power the most sensitive loads, such as thyristors, investors and computer systems, without the risk of damage to these loads, thanks to the high

level electrical characteristics of the generator's output.

ECONOMICAL PERFORMANCE

-Easy starting and quick response.

-Utilizing highly reliable diesel engines with low fuel consumption, manufactured by Japan's leading engine manufacturers.

-Uninterrupted generator operation for up to 12 hours under 75% load.

TRUE HEAVY-DUTY PERFORMANCE

For a particular job, you may need that extra power from generator. With the DCA Series, the standby power rating (110% or 105% load except DCA-610SPM) can be used continuously for 1 hour in every 8 hours of continuous operation. This extra power performance of Denyo generators means you can get the job done, without the inconvenience of using another generator.

PARALLEL OPERATION FEATURE

From time to time, at a construction site, mine site or in other situations, large temporary power supply is required for a particular job. To meet this requirement Denyo's DCA Series generators incorporate a built-in parallel operation drive system, allowing plant on-site, without

the need to procure any other equipment.

DUAL VOLTAGE

For companies that operate internationally or have motors that require power at different voltages, a different generator is usually required for each voltage setting. However, the DCA Series generators are equipped with a dual voltage system, so one generator can be used to power motors with different voltage settings. An extremely convenient feature.

ALL MODELS CAN RUN AT 50Hz/60Hz

Simply adjust the engine speed on the control panel to use a DCA Series generator at either 50Hz or 60Hz.

EXTREMELY QUIET OPERATION

In urban areas and at the worksite, there is an ever increasing demand for reduced noise pollution. In response to these concerns, Denyo has pioneered and a soundproof and super soundproof range of generators. The DCA Series generators are extremely quiet when operating at full load, even though all soundproof models are compactly designed. Check the specifications for the sound level of each model