

Technical Data

GE 10 LSX

GENERATOR

*Stand-by single-phase power	8.5 kVA/kW / 230 V / 36.9 A
*PRP single-phase power	7.7 kVA/kW / 230 V / 33.5 A
Frequency	50 Hz
Cos φ	1

* Output powers according to ISO 8528-1

ALTERNATOR

Self-excited, self-regulated, brushless

Type	synchronous, single-phase
Insulation class	H

ENGINE

Mark / Model	LOMBARDINI 9LD 625/2
Type / Cooling system	Diesel 4-Stroke / air
Cylinder / Displacement	2 / 1248 cm ³
*Stand-by net power	10.7 kW (14.5 HP)
*PRP net power	9.7 kW (13.1 HP)
Speed	1500 rpm
Fuel consumption (75% of PRP)	2 l/h (230 g/kwh)
Engine oil capacity	2.8 l
Starter	Electric

* Powers according to SAE J1349

GENERAL SPECIFICATION

Fuel tank capacity	26 l
Running time (75% of PRP)	13 h
Protection	IP 23
*Dimensions on base Lxwxh	1455x870x880
*Weight on base	438 Kg
Measured acoustic power L _{wA} (pressure L _{pA})	94 dB(A) (69 dB(A) @ 7 m)
Guardanteed acoustic power L _{wA} (pressure L _{pA})	95 dB(A) (70 dB(A) @ 7 m)



* Dimensions and weight without trolley/trailer.

OUTPUT

Declared power according to ISO 8528-1 (temperature 25°C, 30% relative humidity, altitude 100 m above sea level).

(*Stand-by) = maximum available power for use at variable loads for a yearly number of hours limited at 500 h. No overload is admitted.

(**Prime power PRP) = maximum available power for use at variable loads for a yearly illimited number of hours. The average power to be taken during a period of 24 h must not be over 80% of the PRP.

It's admitted overload of 10% each hour every 12 h.

In an **approximative** way one reduces: of 1% every 100 m altitude and of 2.5% for every 5°C above 25°C.

ACOUSTIC POWER LEVEL

ATTENTION: The concrete risk due to the machine depends on the conditions in which it is used. Therefore, it is up to the end-user and under his direct responsibility to make a correct evaluation of the same risk and to adopt specific precautions (for instance, adopting a I.P.D. -Individual Protection Device)

Acoustic Noise Level (L_{wA}) - Measure Unit dB(A): it stands for acoustic noise released in a certain delay of time. This is not submitted to the distance of measurement.

Acoustic Pressure (L_p) - Measure Unit dB(A): it measures the pressure originated by sound waves emission. Its value changes in proportion to the distance of measurement.


The here below table shows examples of acoustic pressure (L_p) at different distances from a machine with Acoustic Noise Level (L_{wA}) of 95 dB(A)

L_p a 1 meter = 95 dB(A) - 8 dB(A) = 87 dB(A)

L_p a 7 meters = 95 dB(A) - 25 dB(A) = 70 dB(A)

L_p a 4 meters = 95 dB(A) - 20 dB(A) = 75 dB(A)

L_p a 10 meters = 95 dB(A) - 28 dB(A) = 67 dB(A)

PLEASE NOTE: the symbol  when with acoustic noise values, indicates that the device respects noise emission limits according to 2000/14/CE directive.