



# HLA1-13 M5

Powered by:  
**LOMBARDINI 11LD 626-3**

12,1kVA at 50 Hz

Generating Set Performance		50 Hz	
SERVICE		NA*	NB*
Rated output	kVA	12,1	13,7
Active power output*	kW	12,1	13,7
Rated speed	r.p.m.	1.500	
Voltage available	V	230	

Performance data refers to Standard Reference Conditions of ISO 8528 : + 25 °C , 100 m ALT, relative humidity 30 %  
During running-in period the output increases by approx. 5 % which is taken into consideration at delivery.

\* Considering cos phi= 1

Prime Mover Performance		1.500 r.p.m.	
		NB*	
Rated output	kW	16,7	
	CV	22,712	
Manufacturer		LOMBARDINI	
Engine model		11LD 626-3	
4 stroke Diesel Engine - Injection type		DIRECT	
Aspiration type		FAN	
Cylinders, number and arrangement		2 - L	
Bore x stroke	mm	95 x 88	
Total displacement	L	1,87	
Cooling system		AIR	
Lube oil specifications		MIL - L - 2104C MIL - L - 2104D	
Compression ratio		17:1	
Specific fuel consumption	kg/h	4,509	
Specific oil consumption (at full load)	%	0,42	
Lube oil maximum capacity	L	5	
Lube oil minimum capacity	L	3,8	
Speed governor	Type	Mechanical	
Air filter		OIL - BATH	

NA\* : CONTINUOUS RATING OVERLOAD CAPACITY 6271: For continuous heavy duty with constant speed and load.  
(10% overload available for governing purposes only)

NB\* :RATING NO OVERLOAD CAPACITY DIN 6271: For continuous light duty with constant speed and variable load

Overload not admitted

NA (ISO 3046 ICXN) , NB (ISO 3046 IFN) Rating refers to engine after run in with standard air cleaner and under environment conditions of 20°C and 1 bar. Max. rating certified within 5%. Derating 1% approx. every 100m. altitude and 2% approx. every 5°C beyond 20°C.

Synchronous Generator *		
Pôles	N°	4
Winding connections (standard)		Star - serie
Frame mounting		SAE 4 - 7.5"
Windings treatment	Type	For humid - saline climates
Insulation	class	H
Phases		2+N
Enclosure (according to IEC-34-5)		IP 21
Exciter system		Brush exciter desing with solid state
Voltage regulator		A.V.R.
Steady voltage precision		---

\*Alternator used by HIMOINSA Gensets meet the requirements of following Standard: IEC 34-1; CEI 2-3; ; VDE 0530; BS 4999-5000:NF 51-100,11

Generating Set Installation Data		1.500 r.p.m.
<b>EXHAUST SYSTEM</b>		
Max. exhaust temperature at full load	C°	500
	F	932
Exhaust gas flow	kg/h	45,6
Heat rejected to exhaust	kcal/kWh	---
Maximum allowed back pressure	mm H2O	335
<b>ELECTRIC STARTING SYSTEM</b>		
Starting motor output	kW	2,5
	CV	3,40
Minimum recommended battery capacity	Ah	66
Auxiliary voltage	Vcc.	12
<b>LIQUID CAPACITY</b>		
Lube oil system including sump, filters, etc.	L	6
	qts	6,36
<b>FUEL TANK CAPACITY</b>		
Open Skid Genset	L	35
<b>OPEN SKID GENSET</b>		
LENGHT	m - ft	1,285 - 4,21
WIDTH	m - ft	0,69 - 2,26
HEIGHT	m - ft	1,08 - 3,54
Shipping volume seaworthy (Standard supplier)	m <sup>3</sup> - ft <sup>3</sup>	0,89 - 31,28
Dry weight (with standard accessories)	kg - lb	335 - 737

Local distributor



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