

GENERATING SETS SERIES "LAM"
WATER COOLING

SAME DEUTZ DIESEL ENGINES

GENERATING SETS

1500 RPM - 400/230 VOLT
50 Hz - 3 PHASE - COSφ 0,8

PRICE LIST 06/04

TECHNICAL SPECIFICATIONS

GENSET TYPE	GENSET POWER				DIESEL ENGINE CHARACTERISTICS									Alternator average efficiency η %	ESTIMATED DIMENSIONS AND WEIGHTS							
	CONTINUOUS		STAND-BY		TYPE	NET POWER		NR CYLIND. DISPOSIT. & FEEDING.	BORE x STROKE mm	Total C.C. cm ³	FUEL CONS. gr/KWh	OIL CONS. gr/KWh	FAN AIR FLOW m ³ /h		STANDARD GENSET ON BASE FRAME				SOUNDPROOF GENSET ON BASE FRAME			
	kVA	kW	kVA	kW		CONT.	MAX								kW	kW	L	W	H	WEIGHT	L	W
LAM/30	30	24	33	26,4	1000.3 W	28,5	31,5	3LN	105 x 115,5	3000	210	0,2	5900	89	1600	1000	1400	620	2000	1000	1700	790
LAM/40	40	32	44	35	1000.4 W	38	42,5	4LN	105 x 115,5	4000	210	0,2	7490	89	2100	1000	1400	760	2500	1000	1700	970
LAM/45	45	36	50	40	1000.3 WT-S	40,4	44,8	3LTI	105 x 115,5	3000	210	0,2	5900	89	2100	1000	1400	660	2500	1000	1700	870
LAM/60	60	48	66	53	1000.4 WT	55,5	61	4LT	105 x 115,5	4000	211	0,2	7490	90	2100	1000	1400	855	2500	1000	1700	1060
LAM/80	80	64	88	70,4	1000.4 WTI-S	73,5	80,9	4LTI	105 x 115,5	4000	211	0,2	7490	90	2600	1200	1500	925	3000	1200	1800	1390
LAM/100	100	80	110	88	1000.6 WTI-S	89	99	6LT	105 x 115,5	6000	206	0,2	9800	90	2600	1200	1500	1090	3000	1200	1800	1390
LAM/115	115	92	125	100	1000.6 WTI	98,9	108,8	6LTI	105 x 115,5	6000	206	0,2	9800	90	2600	1200	1500	1120	3000	1200	1800	1420
LAM/125	125	100	138	110	1000.6 WTI-S	112	123	6LTI	105 x 115,5	6000	206	0,2	9860	93	3000	1250	1800	1500	3400	1250	2100	1890

POWER DEFINITION

CONTINUOUS: Maximum continuous power for an unlimited number of hours per year, between the maintenance intervals prescribed by the manufacturer and to the specified environmental conditions. A 10% overloading for governing purposes is allowed.

STAND-BY: Maximum emergency power available that the generating set is capable of delivering for up to 500 hours per year, of which a maximum of 300 hours per year is continuous running, between stated maintenance intervals. It is accepted that operation at this rating will affect the life of the set. Overloading is not allowed.

REMARKS:

- **All gensets are equipped with electronic speed governor.**

- Above mentioned powers are guaranteed with a $\pm 5\%$ tolerance.

- The efficiency of the alternator is calculated from the medium of the efficiencies of the alternators of the main marks.

- Above mentioned technical details are not binding; the firm reserves the right of modifying them without any previous information.

- Dimensions in mm and dry weights in Kilograms.

- "L" : cylinders disposed in line

- "N" : natural feeding

- "T" : turbocharged feeding

- "TI" : turbocharged feeding with intercooler

NORMS AND REFERENCE CONDITIONS

- Diesel engine :

ISO 8528 Altitude 100 kPa

Temperature 25 °C Relative humidity 30 %

- Alternator :

CEI 23, IEC 34.1 Altitude 1000 mt a.s.l.

VDE 0530, BS 499 Temperature 40 °C