

GENERATING SETS SERIES "AF"
WATER COOLING

AIFO-IVECO 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										Altern. Efficiency average η %	ESTIMATED DIMENSIONS AND WEIGHTS							
	CONTINUOUS PR.P./L.T.P.		STAND-BY MAX		TYPE	NET POWER		CYLINDERS DISPOSIT. & FEEDING	BORE X STROKE	TOTAL C.C. cm ³	FUEL CONS. gr/KWh	OIL CONS. gr/KWh	FAN AIR FLOW m ³ /h	STANDARD GENSET ON BASE FRAME				SOUNDPROOFED GENSET ON BASE FRAME					
	kVA	kW	kVA	kW		CONT. kW	MAX kW							L		W	H	WEIGHT	L	W	H	WEIGHT	
AF/150	150	120	165	132	8061 SRI 27	132	145	6LTA	104 x 115	5900	201	1,6	10710	91,6	3000	1250	1600	1390	3400	1250	1900	1790	
AF/200	200	160	220	176	NEF 60 TE 2	175	293	6LTA	102 x 120	5900	42 lt/h	<0,1	16920	92	3000	1250	1600	1760	3400	1250	1900	2160	
AF/250	250	200	275	220	8210 SRI 25	221	243	6LTA	137 x 156	13800	205	1,6	17800	92	3600	1550	1650	2310	4000	1550	1950	2810	
AF/300	300	240	330	264	8210 SRI 26	264	291	6LTA	137 x 156	13800	209	1,6	19600	92	3600	1550	2000	2800	4000	1550	2300	3300	
AF/350	350	280	385	308	8210 SRI 27	306	337	6LTA	137 x 156	13800	201	1,6	22150	92	3600	1800	2000	2960	4000	1800	2200	3530	
AF/400	400	320	440	352	8281 SRI 26	348	382	8VTA	145 x 130	17200	205	1,6	22450	93,1	3600	1800	2000	3000	4000	1800	2200	3520	
AF/450	450	360	495	396	8281 SRI 27	390	430	8VTA	145 x 130	17200	206	1,6	22750	93	4600	2000	2200	3200	5000	2000	2400	3900	

POWER DEFINITION

CONTINUOUS:

PR.P.: Prime power-ISO 8528 it is the maximum power for a cycle at variable power with an unlimited number of hours/ year, within the prescribed maintenances intervals. The medium obtainable power within the 24 hours mustn't overcome the 80% of the PRP. Overloading is not allowed.

L.T.P.: Limited time running power - ISO 8528 - it is the maximum deliverable power, until a max. of 500 hours/year, within which there is a max. of 300 hours of continuous working between the prescribed maintenance intervals. It is accepted that operation at this power will affect the life of the set. Overloading is not permitted.

STAND-BY MAX: max. standby power (ISO 3046 Fuel stop power) is the maximum power available at variable loadings for a limited number of hours/year (500 h) within the following working limits: 100% of the load for 25h/year; 90% of the load for 200 h/year. Overloading is not permitted. It is applicable in case of supplying for interruption in areas of reliable electric network.

REMARKS:

- **All genset models are equipped with electronic RPM governor. The NEF 60 TE2 engine (AF 200 genset model) is provided of Common Rail injection system.**

- Above mentioned powers are guaranteed with a ± 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 kgs.

- "L" : cylinders disposed on line

- "V" : cylinders "V" arrangement

- "TA" : turbocharged feeding with aftercooler

NORMS AND REFERENCE CONDITIONS

- Diesel engine :

ISO 8528	Altitude	100 kPa
ISO 3046	Temperature	25 °C
	Relative humidity	30 %

- Alternator :

CEI 23, IEC 34.1	Altitude	1000mt a.s.l.
VDE 0530, BS 4999	Temperature	40 °C