



**GENERATING SETS SERIES "AF"**  
**WATER COOLING**

**IVECO-AIFO 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 efficiency average η %	ESTIMATED DIMENSIONS AND WEIGHTS							
	CONTINUOUS PR.P./L.T.P.		STAND-BY MAX		TYPE	NET POWER CONT. MAX		NR CYLIND. DISPOSIT. & FEEDING	BORE X STROKE mm	TOTAL C.C. cm <sup>3</sup>	FUEL CONS. gr/KWh	OIL CONS. gr/KWh	FAN AIR FLOW M <sup>3</sup> /h		STANDARD GENSET ON BASE FRAME				SOUNDPROOF GENSET ON BASE FRAME			
	kVA	kW	kVA	kW		kW	kW								L	W	H	WEIGHT	L	W	H	WEIGHT
AF/20	20	16	22	17,6	8031 I 06	29	32	3LN	104 x 115	2900	225	1,8	2280	85	1600	1000	1400	640	2000	1000	1700	810
AF/25	25	20	27,5	22	8031 I 06	29	32	3LN	104 x 115	2900	225	1,8	2280	85,2	1600	1000	1400	670	2000	1000	1700	840
AF/30	30	24	33	26,4	8031 I 06	29	32	3LN	104 x 115	2900	225	1,8	2280	85,8	1600	1000	1400	685	2000	1000	1700	855
AF/35	35	28	38,5	30,8	8041 I 06	36	39	4LN	104 x 115	3900	227	1,8	2350	86,5	2100	1000	1400	740	2500	1000	1700	910
AF/40	40	32	44	35	8041 I 06	36	39	4LN	104 x 115	3900	227	1,8	2350	88	2100	1000	1400	750	2500	1000	1700	920
AF/60	60	48	66	53	8061 I 06	56	62	6LN	104 x 115	5900	224	1,8	3500	88,5	2500	1000	1400	1000	2500	1000	1700	1170
AF/80	80	64	88	70	8061 SI 06	71	79	6LT	104 x 115	5900	219	1,7	4320	88,5	2600	1200	1500	1100	3000	1200	1800	1400
AF/100	100	80	110	88	8061 SI 07	88	101	6LT	104 x 115	5900	210	1,7	5750	90	2600	1200	1500	1170	3000	1200	1800	1470
AF/125	125	100	138	110	8061 SRI 25	114	132	6LTA	104 x 115	5900	206	1,7	11950	91	2600	1200	1500	1290	3000	1200	1800	1590

**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. 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 for the prescribed maintenances. It is accepted that the working 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:**

**-Gensets from AF/80 to AF/125 are equipped with electronic RPM governors.**

- 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 Kg.

- "L" : cylinders disposed on line
- "N" : natural feeding
- "T" : turbocharged feeding
- "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 1000 mts. a.s.l.  
 VDE 0530, BS 4999 Temperature 40 °C