



## GENERATING SETS SERIES "VP"

WATER COOLING

1500 R.P.M. - 400/230 VOLTS- 50 Hz - COSφ 0,8

## GENERATING SETS

PRICE LIST 06/04

DIESEL ENGINE VOLVO PENTA

## TECHNICAL SPECIFICATION

GENSET TYPE	ELECTRIC POWER				CARATTERISTICHE MOTORE DIESEL								ALTERN efficiency average η %	ESTIMATED DIMENSIONS AND WEIGHTS								
	CONTINUOUS PRIME POWER		EMERGENCY MAX STANDBY		DIESEL ENGINE TYPE	NET POWER CONT. MAX		CYLINDERS DISPOSITION & FEEDING	BORE X STROKE mm	DISPLA CEMENT cm³	FUEL CONS. gr/KW/h	LUB OIL CONS. Litres/h		FAN AIR FLOW m³/h	STANDARD GENSET ON BASE FRAME				SOUNDPROOFED GENSET ON BASE FRAME			
	kVA	kW	kVA	kW		kW	kW								L	W	H	WEIGHT	L	W	H	WEIGHT
VP/80	80	64	88	70	TD 520 GE	75	83	4LT	108 x130	4764	213	0,07		89	2600	1200	1200	1100	3000	1200	1400	1400
VP/100	100	80	110	88	TAD 520 GE	90	98	4LTA	108 x 130	4764	206	0,08		90	2600	1200	1200	1170	3000	1200	1400	1470
VP/125	125	100	135	108	TD 720 GE	115	126	6LT	108 x 130	7146	211	0,10		91	2600	1200	1200	1330	3000	1200	1400	1630
VP/150	150	120	165	132	TAD 720 GE	136	149	6LTA	108 x 130	7146	197	0,10		91	3000	1250	1400	1380	3400	1250	1600	1780
VP/180	180	144	198	158	TAD 721 GE	162	179	6LTA	108 x 130	7146	204	0,08		93	3000	1250	1400	1500	3400	1250	1600	1900
VP/200	210	168	220	176	TAD 722 GE	179	197	6LTA	108 x 130	7146	205	0,08		93	3600	1550	1500	1950	4000	1550	1700	2450
VP/250	250	200	275	220	TAD 740 GE	220	242	6LTA	107 x 135	7280	200	0,04		93	3600	1550	1450	2075	4000	1550	1850	2575
VP/330	330	264	360	288	TAD 1240 GE	283	311	6LTA	131 x 150	12130	198	0,10		93	3600	1600	1700	2190	4000	1600	2100	2760
VP/375	375	300	412	330	TAD 1241 GE	323	354	6LTA	131 x 150	12130	198	0,11		93	3600	1800	1700	2280	4000	1800	2100	2910
VP/450	450	360	480	384	TAD 1640 GE	400	440	6LTA	144 x 165	16120	209	0,11		93	3600	1800	1700	2600	4000	1800	2100	3170
VP/500	500	400	550	440	TAD 1641 GE	435	478	6LTA	144 x 165	16120	209	0,12		93	4600	2000	1900	2970	5000	2000	2400	3700

## POWER DEFINITIONS.

**CONTINUOUS:**

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.

**EMERGENCY:**

**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 /year. Overloading is not permitted. It is applicable in case of supplying for interruption in areas of reliable electric

network.

**REMARKS :**

**- Gensets from model VP 180 onwards are equipped with electronic RPM governor.**

- Above mentioned powers are guaranteed with a ± 5% tolerance.

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

- Estimated dimensions in mm and dry weight in Kgs.

- "L" : cylinders disposed in line

- "N" : naturally aspirated engine

- "T" : turbocharged feeding

- "TA" : turbocharged feeding with intercooler

**NORMS AND REFERENCE CONDITIONS.**

- **Diesel engine : ISO 3046 - ISO 8528**

Altitude 100 kPa Temperature 30°C Relative humidity 30 %

- **Alternator: CEI 23, IEC 34.1, VDE 0530, BS 4999**

Altitude 1000 mts. a.s.l. Temperature 40 °C