



GENERATING SETS SERIES "PK"
WATER COOLING

PERKINS DIESEL ENGINES

GENERATING SETS

1500 R.P.M. - 400/230 VOLT
50 Hz - 3 PHASES - COSφ 0,8

PRICE LIST 06/04

TECHNICAL SPECIFICATION

GENSET TYPE	ELECTRIC POWER				DIESEL ENGINE CHARACTERISTICS								ALTERN. EFFICIENCY η %	ESTIMATED WEIGHTS AND DIMENSIONS								
	CONTINUOUS Prime power		EMERGENCY Stand-by		TYPE	NET POWER CONT. MAX		CYLINDERS ARRANGEMENT & FEEDING	BORE X STROKE mm	DISPLACEMENT cm³	FUEL CONS. 100% Load Litri/h	LUB OIL CONS. %		FAN AIR VOLUME m³/h	GENSET ON STANDARD BASE FRAME				SOUNDPROOFED DESIGN			
	kVA	kW	kVA	kW		kW	kW						L		W	H	WEIGHT	L	W	H	WEIGHT	
PK/250	250	200	275	220	1306 E87 TAG6									92	3600	1550	1850	1860	4000	1550	2150	2360
PK/300	300	240	330	264	2306C-E14TAG1	261	304	6LTA	137 x 165	14600	62,4			92	3600	1550	1850	2270	4000	1550	2150	2770
PK/350	350	280	385	308	2306C-E14TAG2	304	344	6LTA	137 x 165	14600	70,6			92	3600	1800	2100	2520	4000	1800	2400	3080
PK/400	400	320	440	352	2306C-E14TAG3	344	387	6LTA	137 x 165	14600	81,1			93	3600	1800	2100	2750	4000	1800	2400	3320
PK/450	450	360	495	396	2806C-E16TAG1	390	433	6LTA	140 x 171	15800	92			93	4600	2000	2300	3220	5000	2000	2600	3950
PK/500	500	400	550	440	2806 ETAG 2	433	471	6LTA	140 x171	15800	100			93	4600	2000	2300	3330	5000	2000	2600	4060
PK/650	650	520	725	580	4006-23 TAG1A	555	620	6LTA	160 x190	22921	136			93	6000	2360	2800	4260	7000	2360	3100	5410
PK/730	730	584	802	641,6	4006-23 TAG2A	620	685	6LTA	160 x 190	22921	152			93	6000	2360	2800	4370	7000	2360	3100	5520
PK/800	800	640	880	704	4006-23 TAG3A	679	760	6LTA	160 x 190	22921	167			93	6000	2360	2800	4580	7000	2360	3100	5730

POWER DEFINITIONS

CONTINUOUS Prime power ISO 3046: Power available at variable load of which the average engine load factor is ≤ 80% of the prime power rating. Overload of 10% permitted for 1 hour in every 12 hours' operation.

EMERGENCY Stand-by ISO 3046: Power available at variable load in the event of a main power network failure up to a maximum of 500 hours per year. No overload is permitted.

REMARKS :

- Above mentioned powers are granted with the tolerances admitted by the builder.
- 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
- "V" : cylinders' V arrangement
- "T" : turbocharged feeding
- "TA" : turbocharged feeding with aftercooler

NORMS AND REFERENCE CONDITIONS.

- Diesel engine :

DIN 6271 Altitude 100 kPa
 ISO 3046 Temperature 25 °C
 BS 5514 Relative humidity 30 %

- Alternator :

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