

GPR SERIES



# GENERAL CATALOG



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GROUP		GPR 10	GPR 15	GPR 17	GPR 23
Stand By Power	kVA (kW) A	10,0 [8,0] 14,5	15,0 [12,0] 21,7	17,0 [13,6] 25,0	23,0 [18,4] 33,2
Prime Power	kVA (kW) A	9,1 [7,3] 13,1	13,6 [10,9] 19,7	15,0 [12,0] 22,0	20,9 [16,7] 30,2
Continuous Power	kVA (kW) A	6,4 [5,1] 9,2	9,5 [7,6] 13,8	11,0 [9,0] 16,0	14,6 [11,7] 21,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
Voltage	V	231/400	231/400	231/400	231/400
Speed	Speed/rpm	1500	1500	1500	1500
<b>ENGINE</b>					
Brand		PERKINS	PERKINS	PERKINS	PERKINS
Model		403A-11G1	403A-15G1	403A-15G2	404A-22G1
Gross Engine Power	kW	9,5	13,5	15,0	20,6
Net Engine Power	kW	9,3	13,3	15,0	20,3
Energy in Fuel (Heat of Combustion)	kW	29,5	40,2	42,3	61,2
Gross Heat to Power	kW	9,5	13,5	14,7	20,6
Configuration		Vertical, in line	Vertical, in line	Vertical, in line	Vertical, in line
Emission		Fuel Optimization	Fuel Optimization	Fuel Optimization	Fuel Optimization
Aspiration		Naturally	Naturally	Naturally	Naturally
Governing Type		Mechanic	Mechanic	Mechanic	Mechanic
Cylinder volume	L	1,13	1,49	1,49	2,21
Bore and Stroke	mm	77 x 81	84 x 90	84 x 90	84 x 100
Compression system		Indirect Injection	Indirect Injection	Indirect Injection	Indirect Injection
Compression ratio		23:1	22.5:1	22.5:1	23.3:1
Electrical system	V	12	12	12	12
Fuel consumption at 110% of prime power	l/h	2,96	3,94	4,83	5,84
Fuel consumption at 100% of prime power	l/h	2,48	3,52	4,03	5,15
Fuel consumption at 75% of prime power	l/h	1,93	2,68	3,10	3,88
Fuel consumption at 50% of prime power	l/h	1,40	1,96	2,27	2,81
Fuel tank capacity (cabinet)	L	58 [40]	58 [40]	58 [40]	58 [40]
<b>ALTERNATOR</b>					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 160S	GNP 160M	GNP 160L	GNP 160LX
Continuous Output Power	400 / 231 kVA	10,0	15,0	16,0	21,0
Continuous Output Power	400 / 231 kW	8,0	12,0	13,0	17,0
Over-speed capability	Speed/rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection class		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±%1	±%1	±%1	±%1
Number of terminals		12	12	12	12
Altitude	m	1000	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>					
Width open [cabinet]	mm	500 [942]	500 [942]	500 [942]	500 [942]
Length open [cabinet]	mm	1400 [1916]	1400 [1916]	1400 [1916]	1400 [1916]
Height open [cabinet]	mm	1330 [1444]	1330 [1444]	1330 [1444]	1330 [1444]
Weight (empty) open [cabinet]	kg	402 [513]	485 [596]	485 [596]	536 [647]



GROUP		GPR 33	GPR 50	GPR 66	GPR 71
Stand By Power	kVA (kW) A	33,0 [26,4] 47,7	50,0 [40,0] 72,3	66,0 [52,8] 95,4	71,0 [56,8] 102,6
Prime Power	kVA (kW) A	30,0 [24,0] 43,4	45,5 [36,4] 65,7	60,0 [48,0] 86,7	64,5 [51,6] 93,3
Continuous Power	kVA (kW) A	21,0 [16,8] 30,3	31,8 [25,5] 46,0	42,0 [33,6] 60,7	45,2 [36,1] 65,3
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
Voltage	V	231/400	231/400	231/400	231/400
Speed	Speed/rpm	1500	1500	1500	1500
<b>ENGINE</b>					
Brand		PERKINS	PERKINS	PERKINS	PERKINS
Model		1103A-33G	1103A-33TG1	1103A-33TG2	1104A-44TG1
Gross Engine Power	kW	31,0	46,5	60,5	65,6
Net Engine Power	kW	30,4	45,6	59,3	64,3
Energy in Fuel (Heat of Combustion)	kW	80,0	120,0	155,0	164,0
Gross Heat to Power	kW	31,0	46,5	60,5	65,6
Configuration		Vertical, in line	Vertical, in line	Vertical, in line	Vertical, in line
Emission		Fuel Optimization	Fuel Optimization	Fuel Optimization	Fuel Optimization
Aspiration		Naturally	Turbo Charge	Turbo Charge	Turbo Charge
Governing Type		Mechanic	Mechanic	Mechanic	Mechanic
Cylinder volume	L	3,3	3,3	3,3	4,4
Bore and Stroke	mm	105 x 127	105 x 127	105 x 127	105 x 127
Compression system		Direct Injection	Direct Injection	Direct Injection	Direct Injection
Compression ratio		19.25:1	17.25:1	17.25:1	17.25:1
Electrical system	V	12	12	12	12
Fuel consumption at 110% of prime power	l/h	7,97	11,95	15,55	15,79
Fuel consumption at 100% of prime power	l/h	7,05	10,55	13,75	14,41
Fuel consumption at 75% of prime power	l/h	5,36	8,02	10,46	10,86
Fuel consumption at 50% of prime power	l/h	3,72	5,57	7,26	7,76
Fuel tank capacity (cabinet)	L	55 [100]	55 [100]	55 [100]	134 [205]
<b>ALTERNATOR</b>					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 180M2	GNP 180LX	GNP 225S2	GNP 225S2
Continuous Output Power	400 / 231 kVA	31,0	46,0	65,0	65,0
Continuous Output Power	400 / 231 kW	25,0	37,0	52,0	52,0
Over-speed capability	Speed/rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection class		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±%1	±%1	±%1	±%1
Number of terminals		12	12	12	12
Altitude	m	1000	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>					
Width open [cabinet]	mm	629 [1002]	634 [1002]	634 [1002]	700 [1042]
Length open [cabinet]	mm	1600 [2269]	1600 [2269]	1600 [2269]	1700 [2615]
Height open [cabinet]	mm	1330 [1597]	1330 [1597]	1643 [1597]	1643 [1766]
Weight (empty) open [cabinet]	kg	737 [878]	834 [975]	864 [1005]	930 [1157]



GROUP		GPR 88	GPR 112	GPR 150	GPR 165
Stand By Power	kVA (kW) A	88,0 [70,4] 127,2	112,0 [89,6] 161,8	150,0 [120,0] 216,8	165,0 [132,0] 238,4
Prime Power	kVA (kW) A	80,0 [64,0] 115,6	101,8 [81,5] 147,1	136,4 [109,1] 197,1	150,0 [120,0] 216,8
Continuous Power	kVA (kW) A	56,0 [44,8] 80,9	71,3 [57,0] 103,0	95,5 [76,4] 137,9	105,0 [84,0] 151,7
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
Voltage	V	231/400	231/400	231/400	231/400
Speed	Speed/rpm	1500	1500	1500	1500
<b>ENGINE</b>					
Brand		PERKINS	PERKINS	PERKINS	PERKINS
Model		1104A-44TG2	1104C-44TAG2	1106A-70TG1	1106A-70TG1
Gross Engine Power	kW	80,7	103,0	135,8	149,1
Net Engine Power	kW	79,1	99,5	131,4	144,1
Energy in Fuel (Heat of Combustion)	kW	204,0	251,0	336,2	363,0
Gross Heat to Power	kW	80,7	103,0	135,8	149,1
Configuration		Vertical, in line	Vertical, in line	Vertical, in line	Vertical, in line
Emission		Fuel Optimization	Tier II	Fuel Optimization	Fuel Optimization
Aspiration		Turbo Charge	Turbo Charge & Intercooler	Turbo Charge	Turbo Charge & Intercooler
Governing Type		Mechanic	Electronic	Mechanic	Electronic
Cylinder volume	L	4,4	4,4	7,01	7,01
Bore and Stroke	mm	105 x 127	105 x 127	105 x 135	105 x 135
Compression system		Direct Injection	Direct Injection	Direct Injection	Direct Injection
Compression ratio		17.25:1	18.23:1	18.2:1	18.2:1
Electrical system	V	12	12	12	12
Fuel consumption at 110% of prime power	l/h	19,42	24,55	32,53	35,90
Fuel consumption at 100% of prime power	l/h	17,75	22,31	26,60	32,10
Fuel consumption at 75% of prime power	l/h	13,38	16,90	20,15	23,72
Fuel consumption at 50% of prime power	l/h	9,56	11,10	14,02	15,66
Fuel tank capacity (cabinet)	L	134[205]	161[205]	256[376]	256[376]
<b>ALTERNATOR</b>					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 225MI	GNP 225LX	GNP 270SI	GNP 270S2
Continuous Output Power	400 / 231 kVA	77,0	109,0	141,0	159,0
Continuous Output Power	400 / 231 kW	62,0	87,0	113,0	127,0
Over-speed capability	Speed/rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection class		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±%1	±%1	±%1	±%1
Number of terminals		12	12	12	12
Altitude	m	1000	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>					
Width open [cabinet]	mm	700 [1042]	721 [1042]	900 [1153]	900 [1153]
Length open [cabinet]	mm	1782 [2615]	1908 [2615]	2400 [2971]	2511[2971]
Height open [cabinet]	mm	1643 [1766]	1643 [1766]	1530 [2027]	1573 [2027]
Weight (empty) open [cabinet]	kg	945 [1172]	1137 [1364]	1433 [1863]	1471 [1901]



GROUP		GPR 200	GPR 220	GPR 250	GPR 275
Stand By Power	kVA (kW) A	200,0 [160,0] 289,0	220,0[176,0]317,9	250,0[200,0]361,3	275,0[220,0]397,4
Prime Power	kVA (kW) A	181,8 [145,5] 262,7	200,0 [160,0]289,0	227,3 [181,8]328,4	250,0 [200,0] 361,3
Continuous Power	kVA (kW) A	127,3 [101,8] 183,9	140,0 [112,0] 202,3	151,9 [127,3] 229,9	175,0 [140,0] 252,9
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
Voltage	V	231/400	231/400	231/400	231/400
Speed	Speed/rpm	1500	1500	1500	1500
<b>ENGINE</b>					
Brand		PERKINS	PERKINS	PERKINS	PERKINS
Model		1106A-70TAG3	1106A-70TAG4	1206A-70TTAG2	1206A-70TTAG3
Gross Engine Power	kW	180,2	196,3	226,1	248,6
Net Engine Power	kW	175,2	191,3	217,1	238,2
Energy in Fuel (Heat of Combustion)	kW	445,0	485,0	533,0	560,0
Gross Heat to Power	kW	180,2	196,3	226,1	248,6
Configuration		Vertical, in line	Vertical, in line	Vertical, in line	Vertical, in line
Emission		Fuel Optimization	Fuel Optimization	Fuel Optimization	Fuel Optimization
Aspiration		Turbo Charge & Intercooler	Turbo Charge & Intercooler	Double Series Turbo & Intercooler	Double Series Turbo & Intercooler
Governing Type		Electronic	Electronic	Electronic	Electronic
Cylinder volume	L	7,01	7,01	7,01	7,01
Bore and Stroke	mm	105 x 135	105 x 135	105 x 135	105 x 135
Compression system		Direct Injection	Direct Injection	Direct Injection	Direct Injection
Compression ratio		16:1	16:1	15.8:1	15.8:1
Electrical system	V	12	12	12	12
Fuel consumption at 110% of prime power	l/h	43,28	47,71	55,74	63,60
Fuel consumption at 100% of prime power	l/h	39,45	44,31	49,86	55,76
Fuel consumption at 75% of prime power	l/h	30,16	33,54	37,04	40,64
Fuel consumption at 50% of prime power	l/h	19,06	22,36	24,93	27,62
Fuel tank capacity (cabinet)	L	256[376]	375[376]	375[445]	375[445]
<b>ALTERNATOR</b>					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 270M	GNP 270MI	GNP 270MX	GNP 270LI
Continuous Output Power	400 / 231 kVA	182,0	214,0	232,0	255,0
Continuous Output Power	400 / 231 kW	146,0	171,0	186,0	204,0
Over-speed capability	Speed/rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection class		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±%1	±%1	±%1	±%1
Number of terminals		12	12	12	12
Altitude	m	1000	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>					
Width open [cabinet]	mm	900 [1153]	900 [1153]	995 [1140]	995 [1140]
Length open [cabinet]	mm	2511[2971]	2650[2971]	2652 [3409]	2742 [3409]
Height open [cabinet]	mm	1573 [2027]	1673 [2027]	1972 [1955]	1972 [1955]
Weight (empty) open [cabinet]	kg	1546 [1976]	1666 [2096]	1686 [2060]	1736 [2110]



GROUP		GPR 300	GPR 350	GPR 400	GPR 450
Stand By Power	kVA (kW) A	300,0[240,0]433,5	350,0[280,0]506,0	400,0[320,0]578,0	450,0[360,0]650,3
Prime Power	kVA (kW) A	272,7 [218,2] 394,1	318,0[254,0]460,0	363,6 [290,9]525,5	409,1[327,3]591,2
Continuous Power	kVA (kW) A	190,9 [152,7] 275,9	223,0 [178,0] 322,0	254,5[203,6]367,8	286,4[229,1]413,8
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
Voltage	V	231/400	231/400	231/400	231/400
Speed	Speed/rpm	1500	1500	1500	1500

#### ENGINE

Brand		PERKINS	PERKINS	PERKINS	PERKINS
Model		1506A-E88TAG4	1706A-E93TAG1	1706A-E93TAG2	2206A-E13TAG3
Gross Engine Power	kW	281,0	304,0	343,0	413,0
Net Engine Power	kW	268,0	295,0	334,0	399,0
Energy in Fuel (Heat of Combustion)	kW	651,0	683,0	723,0	958,0
Gross Heat to Power	kW	281,0	304,0	343,0	413,0
Configuration		Vertical, in line	Vertical, in line	Vertical, in line	Vertical, in line
Emission		Fuel Optimization	Fuel Optimization	Fuel Optimization	Fuel Optimization
Aspiration		Turbo Charge & Intercooler	Turbo Charge & Intercooler	Turbo Charge & Intercooler	Turbo Charge & Intercooler
Governing Type		Electronic	Electronic	Electronic	Electronic
Cylinder volume	L	8,8	9,29	9,29	12,5
Bore and Stroke	mm	112 x 149	115 x 149	115 x 149	130 x 157
Compression system		Direct Injection	Direct Injection	Direct Injection	Direct Injection
Compression ratio		16.1:1	16.5:1	16.5:1	16.3:1
Electrical system	V	24	24	24	24
Fuel consumption at 110% of prime power	l/h	65,35	66,81	75,78	93,17
Fuel consumption at 100% of prime power	l/h	59,40	62,04	68,80	83,87
Fuel consumption at 75% of prime power	l/h	45,00	46,75	52,14	63,22
Fuel consumption at 50% of prime power	l/h	31,05	32,93	36,03	42,58
Fuel tank capacity (cabinet)	L	475[673]	475[673]	673[673]	673[400]

#### ALTERNATOR

Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 270S1	GNP 270LXA	GNP 315S	GNP 315M
Continuous Output Power	400 / 231 kVA	273,0	318,0	373,0	409,0
Continuous Output Power	400 / 231 kW	218,0	254,0	298,6	327,0
Over-speed capability	Speed/rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection class		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±%1	±%1	±%1	±%1
Number of terminals		12	12	12	12
Altitude	m	1000	1000	1000	1000

#### GENERATOR DIMENSIONS

Width open [cabinet]	mm	1100 [1179]	1100 [1179]	1200 [1179]	1200 [1600]
Length open [cabinet]	mm	2940 [3921]	2967 [3921]	3165 [3921]	3242 [4600]
Height open [cabinet]	mm	1961 [2498]	1966 [2498]	1966 [2498]	2325 [2280]
Weight (empty) open [cabinet]	kg	2325 [2899]	2345 [2919]	2588 [3162]	2963 [3847]



GROUP		GPR 500	GPR 550	GPR 660	GPR 720
Stand By Power	kVA (kW) A	500,0[400,0]722,5	550,0[440,0]794,8	660,0[528,0]953,8	720,0[576,0]1.040,5
Prime Power	kVA (kW) A	454,5[363,6]656,9	500,0[400,0]722,5	600,0[480,0]867,1	654,5[523,6]945,9
Continuous Power	kVA (kW) A	318,2[254,5]459,8	350,0[280,0]505,8	420,0[336,0]606,9	458,2 [366,5]662,1
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
Voltage	V	231/400	231/400	231/400	231/400
Speed	Speed/rpm	1500	1500	1500	1500
<b>ENGINE</b>					
Brand		PERKINS	PERKINS	PERKINS	PERKINS
Model		2506A-E15TAG1	2506A-E15TAG2	2806A-E18TAG1	2806A-E18TAG1
Gross Engine Power	kW	451,0	495,0	593,0	593,0
Net Engine Power	kW	434,0	478,0	575,0	575,0
Energy in Fuel (Heat of Combustion)	kW	1016,0	1141,0	1392,0	1392,0
Gross Heat to Power	kW	451,0	495,0	593,0	593,0
Configuration		Vertical, in line	Vertical, in line	Vertical, in line	Vertical, in line
Emission		Fuel Optimization	Fuel Optimization	Fuel Optimization	Fuel Optimization
Aspiration		Turbo Charge & Intercooler	Turbo Charge & Intercooler	Turbo Charge & Intercooler	Turbo Charge & Intercooler
Governing Type		Electronic	Electronic	Electronic	Electronic
Cylinder volume	L	15,2	15,2	18,13	18,13
Bore and Stroke	mm	137 x 171	137 x 171	145 x 183	145 x 183
Compression system		Direct Injection	Direct Injection	Direct Injection	Direct Injection
Compression ratio		16:1	16:1	14,5:1	14,5:1
Electrical system	V	24	24	24	24
Fuel consumption at 110% of prime power	l/h	103,84	115,12	138,60	148,24
Fuel consumption at 100% of prime power	l/h	95,33	104,36	127,47	137,17
Fuel consumption at 75% of prime power	l/h	71,86	79,06	93,72	102,37
Fuel consumption at 50% of prime power	l/h	50,30	55,33	63,73	71,30
Fuel tank capacity (cabinet)	L	673[400]	673[400]	1350[530]	1350[530]
<b>ALTERNATOR</b>					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 315MXA	GNP 315L	GNP 355M	GNP 355MI
Continuous Output Power	400 / 231 kVA	468,0	514,0	600,0	659,0
Continuous Output Power	400 / 231 kW	374,0	411,0	480,0	527,0
Over-speed capability	Speed/rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection class		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±%1	±%1	±%1	±%1
Number of terminals		12	12	12	12
Altitude	m	1000	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>					
Width open [cabinet]	mm	1200 [1600]	1200 [1600]	1600 [1900]	1600 [1900]
Length open [cabinet]	mm	3629 [4600]	3629 [4600]	3636 [5000]	3636 [5000]
Height open [cabinet]	mm	2318 [2280]	2318 [2280]	2407 [2300]	2407 [2300]
Weight (empty) open [cabinet]	kg	3340 [4224]	3378 [4262]	4079 [5689]	4219 [5829]



GROUP		GPR 825	GPR 850	GPR 900	GPR 1000
Stand By Power	kVA (kW) A	825,0[660,0]1.192,0	850,0[680,0]1.228,0	900,0[720,0]1.300,6	1.000,0[800,0]1.445,1
Prime Power	kVA (kW) A	750,0[600,0]1.083,0	772,0[618,0]1.115,0	818,2[654,5]1.182,3	909,1[727,3]1.313,7
Continuous Power	kVA (kW) A	525,0[420,0]758,0	540,0[432,0]780,0	572,7[458,2]827,6	636,4[509,1]919,6
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
Voltage	V	231/400	231/400	231/400	231/400
Speed	Speed/rpm	1500	1500	1500	1500

ENGINE					
Brand		PERKINS	PERKINS	PERKINS	PERKINS
Model		2806A-E18TAG1	2806A-E18TTAG5	4006-23TAG3A	4008TAG1A
Gross Engine Power	kW	732,0	739,0	786,0	882,0
Net Engine Power	kW	702,0	714,0	760,0	844,0
Energy in Fuel (Heat of Combustion)	kW	2154,0	1880,0	2154,0	2191,0
Gross Heat to Power	kW	786,0	739,0	786,0	882,0
Configuration		Vertical, in line	Vertical, in line	Vertical, in line	Vertical, in line
Emission		Fuel Optimization	Fuel Optimization	Fuel Optimization	Fuel Optimization
Aspiration		Turbo Charge & Intercooler	Double Series Turbo & Intercooler	Turbo Charge & Intercooler	Turbo Charge & Intercooler
Governing Type		Electronic	Electronic	Electronic	Electronic
Cylinder volume	L	22,921	18,13	22,921	30,561
Bore and Stroke	mm	160 x 190	145 x 183	160 x 190	160 x 190
Compression system		Direct Injection	Direct Injection	Direct Injection	Direct Injection
Compression ratio		12.8:1	14:1	13.6:1	13.6:1
Electrical system	V	24	24	24	24
Fuel consumption at 110% of prime power	l/h	176,06	173,58	193,76	215,37
Fuel consumption at 100% of prime power	l/h	159,91	156,83	172,15	192,83
Fuel consumption at 75% of prime power	l/h	120,51	113,52	129,11	141,11
Fuel consumption at 50% of prime power	l/h	80,72	77,24	87,31	96,88
Fuel tank capacity (cabinet)	L	2000[2000]	1350[530]	2000[2000]	2000[2000]

ALTERNATOR					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 355MXA	GNP 355L	GNP 355LX	GNP 400S
Continuous Output Power	400 / 231 kVA	750,0	773,0	850,0	909,0
Continuous Output Power	400 / 231 kW	600,0	618,0	680,0	727,0
Over-speed capability	Speed/rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection class		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±%1	±%1	±%1	±%1
Number of terminals		12	12	12	6
Altitude	m	1000	1000	1000	1000

GENERATOR DIMENSIONS					
Width open [cabinet]	mm	1710 [2100]	1600 [1900]	1710 [2100]	2050 [2350]
Length open [cabinet]	mm	4055 [5929]	3666 [5000]	4055 [5929]	5100 [6769]
Height open [cabinet]	mm	1964 [2405]	2407 [2300]	1964 [2405]	2145 [2405]
Weight (empty) open [cabinet]	kg	6370[10020]	4827 [6437]	6370 [10020]	7640 [11290]



GROUP		GPR 1125	GPR 1250	GPR 1385	GPR 1500
Stand By Power	kVA (kW) A	1.125,0[900,0]1.625,7	1.250,0[1.000,0]1.806,4	1.385,0[1.108,0]2.001,4	1.500,0[1.200,0]2.167,6
Prime Power	kVA (kW) A	1.022,7[818,2]1.477,9	1.136,4[909,1]1.642,1	1.259,1[1.007,3]1.819,5	1.363,6[1.090,9]1.970,6
Continuous Power	kVA (kW) A	715,9 [572,7]1.034,6	795,5[636,4]1.149,5	881,4[705,1]1.273,6	945,5[736,6]1.379,4
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
Voltage	V	231/400	231/400	231/400	231/400
Speed	Speed/rpm	1500	1500	1500	1500

ENGINE					
Brand		PERKINS	PERKINS	PERKINS	PERKINS
Model		4008TAG2A	4008-30TAG3	4012-46TWG2A	4012-46TWG3A
Gross Engine Power	kW	985,0	1105,0	1217,0	1321,0
Net Engine Power	kW	947,0	1055,0	1166,0	1263,0
Energy in Fuel (Heat of Combustion)	kW	2498,0	2736,0	2960,0	3269,0
Gross Heat to Power	kW	985,0	1105,0	1217,0	1321,0
Configuration		Vertical, in line	Vertical, in line	Vee 60°	Vee 60°
Emission		Fuel Optimization	Fuel Optimization	Fuel Optimization	Fuel Optimization
Aspiration		Turbo Charge & Intercooler	Turbo Charge & Intercooler	Turbo Charge &wAC Intercooler	Turbo Charge &wAC Intercooler
Governing Type		Electronic	Electronic	Electronic	Electronic
Cylinder volume	L	30,561	30,561	45,842	45,842
Bore and Stroke	mm	160 x 190	160 x 190	160 x 190	160 x 190
Compression system		Direct Injection	Direct Injection	Direct Injection	Direct Injection
Compression ratio		13.6:1	13:1	13:1	13:1
Electrical system	V	24	24	24	24
Fuel consumption at 110% of prime power	l/h	239,38	269,83	303,15	333,32
Fuel consumption at 100% of prime power	l/h	215,34	238,82	274,37	297,54
Fuel consumption at 75% of prime power	l/h	161,54	175,63	209,66	224,21
Fuel consumption at 50% of prime power	l/h	108,19	118,25	150,77	158,59
Fuel tank capacity (cabinet)	L	2000[2000]	2000[2000]	2250[2250]	2500[2500]

ALTERNATOR					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 400M	GNP 400MX	GNP 400L	GNP 400LI
Continuous Output Power	400 / 231 kVA	1000,0	1136,0	1273,0	1418,0
Continuous Output Power	400 / 231 kW	800,0	909,0	1018,0	1134,0
Over-speed capability	Speed/rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection class		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±%1	±%1	±%1	±%1
Number of terminals		6	6	6	6
Altitude	m	1000	1000	1000	1000

GENERATOR DIMENSIONS					
Width open [cabinet]	mm	2050 [2350]	2200 [2350]	1800 [2352]	1800 [2352]
Length open [cabinet]	mm	5100 [6769]	5100 [6769]	5070 [7883]	5070 [7883]
Height open [cabinet]	mm	2145 [2405]	2145 [2405]	2291 [2706]	2291 [2706]
Weight (empty) open [cabinet]	kg	7820 [11470]	8050 [11700]	9340 [14360]	9570 [14590]



GROUP		GPR 1656	GPR 1880	GPR 2000	GPR 2030
Stand By Power	kVA (kW) A	1.656,0[1.324,8]2.393,1	1.880,0[1.504,0]2.716,8	2.000,0[1.600,0]2.890,2	2.030,0[1.624,0]2.933,5
Prime Power	kVA (kW) A	1.505,5[1.204,4]2.175,5	1.709,1[1.367,3]2.469,8	1.818,2[1.454,5]2.627,4	1.845,5[1.476,4]2.666,8
Continuous Power	kVA (kW) A	1.053,8[843,1]1.522,9	1.196,4[957,1]1.728,8	1.272,7[1.018,2]1.839,2	1.291,8[1.033,5]1.866,8
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50	50	50	50
Voltage	V	231/400	231/400	231/400	231/400
Speed	Speed/rpm	1500	1500	1500	1500
<b>ENGINE</b>					
Brand		PERKINS	PERKINS	PERKINS	PERKINS
Model		4012-46TAG2A	4012-46TAG3A	4016-61TRG1	4016-61TRG1
Gross Engine Power	kW	1459,0	1643,0	1774,0	1741,0
Net Engine Power	kW	1395,0	1583,0	1684,0	1690,0
Energy in Fuel (Heat of Combustion)	kW	3570,0	4100,0	4415,0	4297,0
Gross Heat to Power	kW	1459,0	1643,0	1774,0	1741,0
Configuration		Vee 60°	Vee 60°	Vee 60°	Vee 60°
Emission		Fuel Optimization	Fuel Optimization	Fuel Optimization	Fuel Optimization
Aspiration		Turbo Charge & Intercooler	Turbo Charge & Intercooler	Turbo Charge & WAC Intercooler	Turbo Charge & Intercooler
Governing Type		Electronic	Electronic	Electronic	Electronic
Cylinder volume	L	45,842	45,842	61,123	61,123
Bore and Stroke	mm	160 x 190	160 x 190	160 x 190	160 x 190
Compression system		Direct Injection	Direct Injection	Direct Injection	Direct Injection
Compression ratio		13:1	13:1	13:1	13.6:1
Electrical system	V	24	24	24	24
Fuel consumption at 110% of prime power	l/h	341,00	403,11	414,62	414,62
Fuel consumption at 100% of prime power	l/h	309,53	362,79	385,17	385,17
Fuel consumption at 75% of prime power	l/h	233,31	269,48	300,38	300,38
Fuel consumption at 50% of prime power	l/h	157,09	176,16	198,33	198,33
Fuel tank capacity (cabinet)	L	2500[2500]	3000[3000]	3000[3000]	3000[3000]
<b>ALTERNATOR</b>					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 400L2	GNP 450S	GNP 450SX	GNP 450SX
Continuous Output Power	400 / 231 kVA	1500,0	1750,0	1818,0	1818,0
Continuous Output Power	400 / 231 kW	1200,0	1400,0	1454,0	1454,0
Over-speed capability	Speed/rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection class		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±%1	±%0.5	±%0.5	±%0.5
Number of terminals		6	6	6	6
Altitude	m	1000	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>					
Width open [cabinet]	mm	1800 [2352]	2200 [2352]	2190 [2430]	2775 [2900]
Length open [cabinet]	mm	5225 [7883]	5225 [7883]	6200 [12000]	6100 [12000]
Height open [cabinet]	mm	2255 [2706]	2259 [2706]	3100 [3200]	3300 [3500]
Weight (empty) open [cabinet]	kg	10385 [15405]	12036 [17056]	12720 [19840]	15680 [24850]



GROUP		GPR 2250	GPR 2263	GPR 2500
Stand By Power	kVA (kW) A	2.250,0[1.800,0]3.251,4	2.263,0[1.810,4]3.270,2	2.500,0[2.000,0]3.612,7
Prime Power	kVA (kW) A	2.045,5[1.636,4]2.955,9	2.057,3[1.645,8]2.972,9	2.272,7[1.818,2]3.284,3
Continuous Power	kVA (kW) A	1.431,8[1.145,5]2.069,1	1.440,1[1.152,1]2.081,1	1.590,9[1.272,7]2.299,0
Power Factor	CosQ	0,8	0,8	0,8
Frequency	Hz	50	50	50
Voltage	V	231/400	231/400	231/400
Speed	Speed/rpm	1500	1500	1500
<b>ENGINE</b>				
Brand		PERKINS	PERKINS	PERKINS
Model		4016-61TRG1	4016-61TRG1	4016-61TRG1
Gross Engine Power	kW	1985,0	1937,0	2183,0
Net Engine Power	kW	1895,0	1886,0	2083,0
Energy in Fuel (Heat of Combustion)	kW	4939,0	4908,0	5458,0
Gross Heat to Power	kW	1985,0	1937,0	2183,0
Configuration		Vee 60°	Vee 60°	Vee 60°
Emission		Fuel Optimization	Fuel Optimization	Fuel Optimization
Aspiration		Turbo Charge & Intercooler	Turbo Charge & Intercooler	Turbo Charge & Intercooler
Governing Type		Electronic	Electronic	Electronic
Cylinder volume	L	61,123	61,123	61,123
Bore and Stroke	mm	160 x 190	160 x 190	160 x 190
Compression system		Direct Injection	Direct Injection	Direct Injection
Compression ratio		13:1	13:1	13:1
Electrical system	V	24	24	24
Fuel consumption at 110% of prime power	l/h	477,78	477,78	530,52
Fuel consumption at 100% of prime power	l/h	422,87	422,87	470,78
Fuel consumption at 75% of prime power	l/h	318,70	318,70	344,48
Fuel consumption at 50% of prime power	l/h	216,59	216,59	234,24
Fuel tank capacity (cabinet)	L	3000[3000]	3000[3000]	3500[3500]
<b>ALTERNATOR</b>				
Brand		GENPOWER	GENPOWER	GENPOWER
Model		GNP 450M	GNP 450M	GNP 450MX
Continuous Output Power	400 / 231 kVA	2045,0	2045,0	2273,0
Continuous Output Power	400 / 231 kW	1636,0	1636,0	1818,0
Over-speed capability	Speed/rpm	2250	2250	2250
Insulation class		H	H	H
Protection class		IP-23	IP-23	IP-23
Voltage regulation	%	±%0.5	±%0.5	±%0.5
Number of terminals		6	6	6
Altitude	m	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>				
Width open [cabinet]	mm	2190 [2430]	2775 [2900]	2200 [2430]
Length open [cabinet]	mm	6200 [12000]	6100 [12000]	6650 [12000]
Height open [cabinet]	mm	3100 [3200]	3300 [3500]	3300 [3500]
Weight (empty) open [cabinet]	kg	12720 [19840]	15680 [24850]	15800 [22920]



# Our Certificates





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