

**GDZ SERIES**



# GENERAL CATALOG



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**ELECTRICAL EQUIPMENT, TOOLS, GENERATORS & SERVICES**  
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GROUP		GDZ 23	GDZ 33	GDZ 44	GDZ 55
Stand By Power	kVA	23,0 / 30,0	33,0 / 40,0	44,0 / 52,0	55,0 / 66,0
	kW	18,4 / 24,0	26,4 / 32,0	35,2 / 41,6	44,0 / 52,8
	A	33,2 / 43,4	47,7 / 57,8	63,6 / 75,1	79,5 / 95,4
Prime Power	kVA	21,0 / 27,3	30,0 / 36,4	40,0 / 47,3	50,0 / 60,0
	kW	16,8 / 21,8	24,0 / 29,1	32,0 / 37,8	40,0 / 48,0
	A	30,3 / 39,4	43,4 / 52,5	57,8 / 68,3	72,3 / 86,7
Continuous Power	kVA	17,6 / 23,1	26,4 / 31,9	38,5 / 42,9	41,6 / 52,9
	kW	14,1 / 18,5	21,1 / 25,5	30,8 / 34,3	33,3 / 42,3
	A	25,4 / 33,4	38,2 / 46,1	55,6 / 62,0	60,2 / 76,4
Power Factor	CosQ	0,8	0,8	0,8	0,8
<b>Frequency</b>	<b>Hz</b>	<b>50 / 60</b>	<b>50 / 60</b>	<b>50 / 60</b>	<b>50 / 60</b>
Voltage	V	231-400 / 277-480	231-400 / 277-480	231-400 / 277-480	231-400 / 277-480
Speed	Speed/rpm	1500 / 1800	1500 / 1800	1500 / 1800	1500 / 1800
<b>ENGINE</b>					
Brand		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF3MG1	BF3M G2	BFM3T	BFM3C
Gross Output (LTP or StandBy Power)	kW	22,0 / 28	32,0 / 38,0	44 / 50	50 / 60
Fan Reduction	kW	20,0 / 2,0	2 / 2,0	3 / 3,0	3 / 3,0
Electrical Output (Stand By)	kVA	23,0 / 30	33 / 40	44 / 52	55 / 66
Gross Output (PRP or Prime Power)	kW	10 / 25	29 / 34	40 / 45	45 / 55
Gross Output (Continuous Power)	kW	19 / 23	26 / 31	36 / 42	42 / 50
Configuration		in line	in line	in line	in line
Number of Cylinder		4	4	4	4
Aspiration		Naturally	Naturally	Turbo	CAC
Governing System		Electronic	Electronic	Electronic	Electronic
Displacement	L	3,168	3,168	3,168	3,168
Bore and Stroke	mm	98 x 105	98 x 105	98 x 105	98 x 105
Piston Speed	m/s	5,25 / 6,30	5,25 / 6,30	5,25 / 6,30	5,25 / 6,30
Compression ratio		18,5:1	18,5:1	18,5:1	18,5:1
Electrical system	V	12	12	12	12
Fuel consumption at 110% of prime power	l/h	5,83 / 7,42	8,41 / 9,99	11,15 / 12,67	12,33 / 14,79
Fuel consumption at 100% of prime power	l/h	5,30 / 6,75	7,62 / 9,08	10,14 / 11,52	11,09 / 13,45
Fuel consumption at 75% of prime power	l/h	3,98 / 5,06	5,77 / 6,87	7,88 / 8,96	8,63 / 10,47
Fuel consumption at 50% of prime power	l/h	2,72 / 3,46	3,84 / 4,58	5,44 / 6,18	5,97 / 7,23
Fuel tank capacity opened (cabinet)	L	58-40	58-40	55-100	134-100
<b>ALTERNATOR</b>					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 160LX / GNP 180M	GNP 180 M2 / GNP 180 M2	GNP 180LA / GNP 180LA	GNP 180 LXA
Continuous Output Power	400 / 231 kVA	21,0 / 30,0	31,0 / 40,0	40,0 / 48,0	50,0 / 61,0
Continuous Output Power	400 / 231 kW	16,8 / 24,0	24,8 / 32,0	32,0 / 38,4	40,0 / 48,8
Over-speed	rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±1	±1	±1	±1
Wires		12	12	12	12
Altitude	m	1000	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>					
Width open [cabinet]	mm	597 [942]	619 [942]	622 [1002]	700 [1002]
Length open [cabinet]	mm	1400 [1916]	1400 [1916]	1600 [2269]	1700 [2269]
Height open [cabinet]	mm	1309 [1444]	1329 [1444]	1329 [1597]	1562 [1597]
Weight (net) open [cabinet]	kg	553 [690]	585 [740]	685 [850]	857 [990]



GROUP		GDZ 66	GDZ 85	GDZ 100	GDZ 110
Stand By Power	kVA	66,0 / 77,0	85,0 / 95,0	100,0 / 115,0	110,0 / 120,0
	kW	52,8 / 61,6	68,0 / 76,0	80,0 / 92,0	88,0 / 96,0
	A	95,4 / 111,3	122,8 / 137,3	144,5 / 166,2	159,0 / 173,4
Prime Power	kVA	60,0 / 70,0	77,0 / 86,4	91,0 / 104,5	100,0 / 109,1
	kW	48,0 / 56,0	61,6 / 69,1	72,8 / 83,6	80,0 / 87,3
	A	86,7 / 101,2	111,3 / 124,8	131,5 / 151,1	144,5 / 157,6
Continuous Power	kVA	55,1 / 65,3	67,2 / 79,7	83,2 / 96,8	97,9 / 107,0
	kW	44,1 / 52,2	53,8 / 63,8	66,5 / 77,4	78,4 / 85,6
	A	79,7 / 94,3	97,1 / 115,2	120,2 / 139,9	141,5 / 154,7
Power Factor	CosQ	0,8	0,8	0,8	0,8
<b>Frequency</b>	<b>Hz</b>	<b>50 / 60</b>	<b>50 / 60</b>	<b>50 / 60</b>	<b>50 / 60</b>
Voltage	V	231-400 / 277-480	231-400 / 277-480	231-400 / 277-480	231-400 / 277-480
Speed	Speed/rpm	1500 / 1800	1500 / 1800	1500 / 1800	1500 / 1800
<b>ENGINE</b>					
Brand		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF4M2012	BF4M2012CG1	BF4M2012CG2	BF4M1013ECG1
Gross Output (LTP or StandBy Power)	kW	60 / 70	74,9 / 88	93 / 108	102 / 110
Fan Reduction	kW	2,00 / 3,50	4,90 / 8,30	4,90 / 8,30	5,90 / 10,20
Electrical Output (Stand By)	kVA	66 / 77	85 / 95	100 / 115	110 / 120
Gross Output (PRP or Prime Power)	kW	54 / 63	71 / 79	85 / 99	97 / 105
Gross Output (Continuous Power)	kW	51 / 60	64 / 75	78 / 90	92 / 100
Configuration		in line	in line	in line	in line
Number of Cylinder		4	4	4	4
Aspiration		Turbo	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing System		Electronic	Electronic	Electronic	Electronic
Displacement	L	4,04	4,04	4,04	4,76
Bore and Stroke	mm	101 x 126	101 x 126	101 x 126	108 x 130
Piston Speed	m/s	6,30 / 7,56	6,30 / 7,56	6,30 / 7,56	6,50 / 7,80
Compression ratio		19:1	19:1	18,1:1	19:1
Electrical system	V	12	12	12	12
Fuel consumption at 110% of prime power	l/h	15,07 / 17,58	18,92 / 22,20	23,03 / 26,75	25,14 / 27,12
Fuel consumption at 100% of prime power	l/h	13,56 / 15,98	17,92 / 20,19	21,05 / 24,32	23,91 / 24,65
Fuel consumption at 75% of prime power	l/h	10,08 / 11,88	13,19 / 14,86	15,72 / 18,15	17,85 / 18,40
Fuel consumption at 50% of prime power	l/h	6,94 / 8,18	8,83 / 9,95	10,63 / 12,27	12,07 / 12,44
Fuel tank capacity opened (cabinet)	L	161 -205	161-205	161-205	161-205
<b>ALTERNATOR</b>					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 225S2	GNP 225 MI	GNP 225 M2	GNP 225LX – GNP 225M2
Continuous Output Power	400 / 231 kVA	65,0 / 81,0	77,0 / 87,0	91,0 / 108,0	109,0 / 108,0
Continuous Output Power	400 / 231 kW	52,0 / 64,8	61,6 / 69,6	72,8 / 86,4	87,2 / 86,4
Over-speed	rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±1	±1	±1	±1
Wires		12	12	12	12
Altitude	m	1000	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>					
Width open [cabinet]	mm	700 [1042]	700 [1042]	700 [1042]	700 [1042]
Length open [cabinet]	mm	1900 [2615]	1900 [2615]	1900 [2615]	1900 [2615]
Height open [cabinet]	mm	1562 [1766]	1562 [1766]	1562 [1766]	1562 [1766]
Weight (net) open [cabinet]	kg	1024 [1200]	1024 [1200]	1024 [1200]	1067 [1240]



GROUP		GDZ 130	GDZ 145	GDZ 175	GDZ 200
Stand By Power	kVA	130,0 / 137,0	145,0 / 152,0	175,0 / 180,0	200,0 / 220,0
	kW	104,0 / 109,6	116,0 / 121,6	140,0 / 144,0	160,0 / 176,0
	A	187,9 / 198,0	209,5 / 219,7	252,9 / 260,1	289,0 / 317,9
Prime Power	kVA	118,0 / 124,5	132,0 / 138,2	159,0 / 163,6	182,0 / 200,0
	kW	94,4 / 99,6	105,6 / 110,5	127,2 / 130,9	145,6 / 160,0
	A	170,5 / 180,0	190,8 / 199,7	229,8 / 236,5	263,0 / 289,0
Continuous Power	kVA	103,6 / 114,0	116,2 / 123,1	151,6 / 161,9	164,2 / 181,5
	kW	82,9 / 91,2	92,9 / 98,4	121,3 / 129,5	131,4 / 145,2
	A	149,7 / 164,7	167,8 / 177,8	219,0 / 234,0	237,3 / 262,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
<b>Frequency</b>	<b>Hz</b>	<b>50 / 60</b>	<b>50 / 60</b>	<b>50 / 60</b>	<b>50 / 60</b>
Voltage	V	231-400 / 277-480	231-400 / 277-480	231-400 / 277-480	231-400 / 277-480
Speed	Speed/rpm	1500 / 1800	1500 / 1800	1500 / 1800	1500 / 1800
<b>ENGINE</b>					
Brand		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF4M1013ECG2	BF4M1013FC	BF6M1013ECG1	BF6M1013ECG2
Gross Output (LTP or StandBy Power)	kW	116 / 125	129 / 136	153 / 163	175 / 197
Fan Reduction	kW	5,90 / 10,20	5,00 / 8,70	7,20 / 8,70	7,20 / 8,70
Electrical Output (Stand By)	kVA	130 / 137	145 / 152	175 / 180	200 / 220
Gross Output (PRP or Prime Power)	kW	105 / 115	117 / 124	146 / 155	160 / 181
Gross Output (Continuous Power)	kW	96 / 105	106 / 112	139 / 148	150 / 165
Configuration		in line	in line	in line	in line
Number of Cylinder		4	4	6	6
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing System		Electronic	Electronic	Electronic	Electronic
Displacement	L	4,76	4,76	7,15	7,15
Bore and Stroke	mm	108 x 130	108 x 130	108 x 130	108 x 130
Piston Speed	m/s	6,50 / 7,80	6,50 / 7,80	6,50 / 7,80	6,50 / 7,80
Compression ratio		19:1	18,1:1	19:1	19:1
Electrical system	V	12	12	24	24
Fuel consumption at 110% of prime power	l/h	28,46 / 30,67	31,50 / 33,21	37,18 / 39,61	42,33 / 47,65
Fuel consumption at 100% of prime power	l/h	25,76 / 27,88	28,57 / 30,19	35,48 / 36,01	38,70 / 43,32
Fuel consumption at 75% of prime power	l/h	19,05 / 20,61	20,71 / 21,89	26,61 / 27,01	29,16 / 32,64
Fuel consumption at 50% of prime power	l/h	12,76 / 13,81	13,88 / 14,66	18,08 / 18,35	19,63 / 21,97
Fuel tank capacity opened (cabinet)	L	190-376	190-376	256-376	256-376
<b>ALTERNATOR</b>					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 270S – GNP 225LX	GNP 270S1 – GNP 270S	GNP 270S2 – GNP 270S1	GNP 270M
Continuous Output Power	400 / 231 kVA	123,0 / 123,0	141,0 / 146,0	159,0 / 172,0	182,0 / 194,0
Continuous Output Power	400 / 231 kW	98,4 / 98,4	112,8 / 116,8	127,2 / 137,6	145,6 / 155,2
Over-speed	rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±1	±1	±1	±1
Wires		12	12	12	12
Altitude	m	1000	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>					
Width open [cabinet]	mm	800 [1153]	800 [1153]	900 [1153]	900 [1153]
Length open [cabinet]	mm	2150 [2971]	2150 [2971]	2400 [2971]	2400 [2971]
Height open [cabinet]	mm	1549 [2027]	1549 [2027]	1549 [2027]	1549 [2027]
Weight (net) open [cabinet]	kg	1205 [1610]	1217 [1620]	1317 [1670]	1328 [1690]



GROUP		GDZ 210	GDZ 220	GDZ 275	GDZ 330
Stand By Power	kVA	210,0 / 230,0	220,0 / 250,0	275,0 / 300,0	330,0 / 360,0
	kW	168,0 / 184,0	176,0 / 200,0	220,0 / 240,0	264,0 / 288,0
	A	303,5 / 332,4	317,9 / 361,3	397,4 / 433,5	476,9 / 520,2
Prime Power	kVA	191,0 / 209,1	200,0 / 227,3	250,0 / 272,7	300,0 / 327,3
	kW	152,8 / 167,3	160,0 / 181,8	200,0 / 218,2	240,0 / 261,8
	A	276,0 / 302,2	289,0 / 328,4	361,3 / 394,1	433,5 / 472,9
Continuous Power	kVA	165,4 / 186,1	182,6 / 205,6	224,7 / 243,1	266,2 / 289,5
	kW	132,3 / 148,9	146,1 / 164,5	179,8 / 194,5	213,0 / 231,6
	A	239,0 / 268,9	263,9 / 297,1	324,7 / 351,3	384,7 / 418,3
Power Factor	CosQ	0,8	0,8	0,8	0,8
Frequency	Hz	50 / 60	50 / 60	50 / 60	50 / 60
Voltage	V	231-400 / 277-480	231-400 / 277-480	231-400 / 277-480	231-400 / 277-480
Speed	Speed/rpm	1500 / 1800	1500 / 1800	1500 / 1800	1500 / 1800

ENGINE					
Brand		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		BF6M1013FCG2	BF6M1013FCG3	TCD8.0	TCD8.7
Gross Output (LTP or StandBy Power)	kW	183 / 204	201 / 224,9	250 / 270	290 / 320
Fan Reduction	kW	7,20 / 12,40	7,20 / 12,40	11,6 / 20	11 / 18
Electrical Output (Stand By)	kVA	210 / 230	220 / 250	275 / 300	330 / 360
Gross Output (PRP or Prime Power)	kW	166 / 186	183 / 204	225 / 245	265 / 290
Gross Output (Continuous Power)	kW	151 / 169	166 / 186	207 / 223	245 / 265
Configuration		in line	in line	in line	in line
Number of Cylinder		6	6	6	6
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing System		Electronic	Electronic	Electronic	Electronic
Displacement	L	7,15	7,15	7,8	8,70
Bore and Stroke	mm	108 x 130	108 x 130	110 x 136	117 x 135
Piston Speed	m/s	6,50 / 7,80	6,50 / 7,80	6,5 / 7,8	6,75 / 8,10
Compression ratio		19:1	19:1	17:1	17,5:1
Electrical system	V	24	24	24	24
Fuel consumption at 110% of prime power	l/h	44,26 / 49,34	49,55 / 55,47	56,69 / 61,22	66,77 / 73,67
Fuel consumption at 100% of prime power	l/h	40,15 / 44,85	45,11 / 50,42	51,02 / 55,66	59,86 / 65,96
Fuel consumption at 75% of prime power	l/h	29,82 / 33,32	33,20 / 37,10	39,44 / 43,03	43,97 / 48,46
Fuel consumption at 50% of prime power	l/h	20,07 / 22,43	22,34 / 24,97	27,73 / 30,25	30,08 / 33,15
Fuel tank capacity opened (cabinet)	L	256-376	256-445	475-673	475-673

ALTERNATOR					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 270M1 – GNP 270M	GNP 270M1	GNP 270L1 – GNP 270MX	GNP 270LXA – GNP 270LX
Continuous Output Power	400 / 231 kVA	214,0 / 194,0	214,0 / 221,0	255,0 / 284,0	318,0 / 309,0
Continuous Output Power	400 / 231 kW	171,2 / 155,2	171,2 / 176,8	204,0 / 227,2	254,4 / 247,2
Over-speed	rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±1	±1	±1	±1
Wires		12	12	12	12
Altitude	m	1000	1000	1000	1000

GENERATOR DIMENSIONS					
Width open [cabinet]	mm	900 [1153]	900 [1140]	1100 [1179]	1100 [1179]
Length open [cabinet]	mm	2400 [2971]	2400 [3409]	3095 [3921]	3095 [3921]
Height open [cabinet]	mm	1549 [2027]	1840 [1955]	1782 [2498]	1782 [2498]
Weight (net) open [cabinet]	kg	1450 [1810]	1554 [1940]	2159 [2600]	2163 [2600]



GROUP		GDZ 375	GDZ 410	GDZ 450	GDZ 500
Stand By Power	kVA	375,0 / 415,0	410,0 / 440,0	450,0 / 510,0	500,0 / 510,0
	kW	300,0 / 332,0	328,0 / 352,0	360,0 / 408,0	400,0 / 408,0
	A	541,9 / 599,7	592,5 / 635,8	650,3 / 737,0	722,5 / 737,0
Prime Power	kVA	341,0 / 377,3	373,0 / 400,0	455,0 / 463,6	455,0 / 463,6
	kW	272,8 / 301,8	298,4 / 320,0	364,0 / 370,9	364,0 / 370,9
	A	492,8 / 545,2	539,0 / 578,0	657,5 / 670,0	657,5 / 670,0
Continuous Power	kVA	299,6 / 349,0	349,0 / 360,7	413,6 / 431,2	413,6 / 431,2
	kW	239,7 / 279,2	279,2 / 288,6	330,9 / 345,0	330,9 / 345,0
	A	433,0 / 504,3	504,3 / 521,3	597,7 / 623,2	597,7 / 623,2
Power Factor	CosQ	0,8	0,8	0,8	0,8
<b>Frequency</b>	<b>Hz</b>	<b>50 / 60</b>	<b>50 / 60</b>	<b>50 / 60</b>	<b>50 / 60</b>
Voltage	V	231-400 / 277-480	231-400 / 277-480	231-400 / 277-480	231-400 / 277-480
Speed	Speed/rpm	1500 / 1800	1500 / 1800	1500 / 1800	1500 / 1800
<b>ENGINE</b>					
Brand		DEUTZ	DEUTZ	DEUTZ	DEUTZ
Model		TCD12.1G1	TCD12.1G2	TCD13.0G1	TCD13.0G1
Gross Output (LTP or StandBy Power)	kW	330 / 365	360 / 385	435 / 445	435 / 445
Fan Reduction	kW	13 / 17,5	13 / 17,50	13 / 17,50	13 / 17,50
Electrical Output (Stand By)	kVA	375 / 415	410 / 440	500 / 510	500 / 510
Gross Output (PRP or Prime Power)	kW	290 / 335	330 / 353	395 / 410	395 / 410
Gross Output (Continuous Power)	kW	268 / 310	310 / 320	365 / 380	365 / 380
Configuration		in line	in line	in line	in line
Number of Cylinder		6	6	6	6
Aspiration		Turbo, CAC	Turbo, CAC	Turbo, CAC	Turbo, CAC
Governing System		Electronic	Electronic	Electronic	Electronic
Displacement	L	12,10	12,10	12,94	12,94
Bore and Stroke	mm	131 x 150	131 x 150	131 x 160	131 x 160
Piston Speed	m/s	8 / 9,6	8 / 9,6	8 / 9,6	8 / 9,6
Compression ratio		17:1	17:1	19:1	19:1
Electrical system	V	24	24	24	24
Fuel consumption at 110% of prime power	l/h	72,56 / 82,76	82,47 / 88,19	85,95 / 98,83	96,61 / 98,83
Fuel consumption at 100% of prime power	l/h	63,81 / 75,62	75,98 / 80,58	79,00 / 90,79	87,52 / 90,79
Fuel consumption at 75% of prime power	l/h	48,10 / 57,01	57,27 / 60,74	59,25 / 68,09	65,64 / 68,09
Fuel consumption at 50% of prime power	l/h	33,21 / 39,36	39,72 / 42,12	38,88 / 44,69	43,08 / 44,69
Fuel tank capacity opened (cabinet)	L	475-673	475-673	673-400	673-400
<b>ALTERNATOR</b>					
Brand		GENPOWER	GENPOWER	GENPOWER	GENPOWER
Model		GNP 315S – GNP 270LXA	GNP 315S	GNP 315M	GNP 315MXA – GNP 315M
Continuous Output Power	400 / 231 kVA	373,0 / 377,0	373,0 / 443,0	409,0 / 443,0	468,0 / 443,0
Continuous Output Power	400 / 231 kW	298,4 / 301,6	298,4 / 354,4	327,2 / 354,4	374,4 / 354,4
Over-speed	rpm	2250	2250	2250	2250
Insulation class		H	H	H	H
Protection		IP-23	IP-23	IP-23	IP-23
Voltage regulation	%	±1	±1	±1	±1
Wires		12	12	12	12
Altitude	m	1000	1000	1000	1000
<b>GENERATOR DIMENSIONS</b>					
Width open [cabinet]	mm	1100 [1179]	1100 [1179]	1200 [1646]	1200 [1646]
Length open [cabinet]	mm	3254 [3921]	3254 [3921]	3374 [4632]	3374 [4632]
Height open [cabinet]	mm	1782 [2498]	1782 [2498]	1953 [2641]	1953 [2641]
Weight (net) open [cabinet]	kg	2353 [2790]	2379 [2970]	2878 [3740]	2878 [3740]



GROUP		GDZ 550
Stand By Power	kVA	550,0 / 560,0
	kW	440,0 / 448,0
	A	794,8 / 809,2
Prime Power	kVA	500,0 / 509,1
	kW	400,0 / 407,3
	A	722,5 / 735,7
Continuous Power	kVA	460,6 / 466,5
	kW	368,5 / 373,2
	A	665,6 / 674,1
Power Factor	CosQ	0,8
<b>Frequency</b>	<b>Hz</b>	<b>50 / 60</b>
Voltage	V	231-400 / 277-480
Speed	Speed/rpm	1500 / 1800
ENGINE		
Brand		DEUTZ
Model		TCD13.0G2
Gross Output (LTP or StandBy Power)	kW	470 / 485
Fan Reduction	kW	13 / 17,50
Electrical Output (Stand By)	kVA	550 / 560
Gross Output (PRP or Prime Power)	kW	440 / 445
Gross Output (Continuous Power)	kW	405 / 410
Configuration		in line
Number of Cylinder		6
Aspiration		Turbo, CAC
Governing System		Electronic
Displacement	L	12,94
Bore and Stroke	mm	131 x 160
Piston Speed	m/s	8 / 9,6
Compression ratio		19:1
Electrical system	V	24
Fuel consumption at 110% of prime power	l/h	106,57 / 109,97
Fuel consumption at 100% of prime power	l/h	98,74 / 98,95
Fuel consumption at 75% of prime power	l/h	70,99 / 71,14
Fuel consumption at 50% of prime power	l/h	47,84 / 47,94
Fuel tank capacity opened (cabinet)	L	673-400
ALTERNATOR		
Brand		GENPOWER
Model		GNP 315L – GNP 325MX
Continuous Output Power	400 / 231 kVA	514,0 / 501,0
Continuous Output Power	400 / 231 kW	411,2 / 400,8
Over-speed	rpm	2250
Insulation class		H
Protection		IP-23
Voltage regulation	%	±1
Wires		12
Altitude	m	1000
GENERATOR DIMENSIONS		
Width open [cabinet]	mm	1200 [1646]
Length open [cabinet]	mm	3383 [4632]
Height open [cabinet]	mm	1953 [2641]
Weight (net) open [cabinet]	kg	2931 [3790]



# Our Certificates





## ALBAYRAQ ALMAASY CO., LTD.

ELECTRICAL EQUIPMENT, TOOLS, GENERATORS & SERVICES

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