



GENERATOR SETS POWERED BY CUMMINS NATURAL GAS ENGINE

MAIN SPECIFICATIONS OF GENERATOR SETS

Genset model	NGC60	NGC75	NGC84	NGC95	NGC104	NGC120	NGC160	NGC182
	NGC60/S	NGC75/S	NGC84/S	NGC95/S	NGC104/S	NGC120/S	NGC160/S	NGC182/S
Genset rated power output (KW/KVA)	60/75	75/94	84/105	95/119	104/130	120/150	160KW/200KVA	182KW/228KV A
Engine model	M6BTA5.9-N	M6BTAA5.9-N	M6BTAA5.9-N	M6CTAA8.3-N	M6CTAA8.3-N	M6CTAA8.3-N	MNTA855-N	MNTAAS55-N
Engine rated power output (KW)	75	94	105	120	120	150	200	225
Engine characters	In line, Water cooled, Two valves, Bathtub combustion chamber						In line, Water cooled, Four valves, Bathtub combustion chamber	In line, Water cooled, Two valves, Bathtub combustion chamber
Cooling	Water-cooled							
No. of cylinder / arrangement	6 In line							
Bore x Stroke (mm),	102x120	102x120	102x120	102x120	114x135	114x135	140x152	140x152
Displacement (L)	5.883L	5.883L	5.883L	5.883L	8.3L	8.3L	14L	14L
Noise(Opten type dBA @full-load 1m)	78dBA	78dBA	78dBA	72dBA	80dBA	82dBA	87dBA	88dBA
Engine mini. Lub oil capacity (L)	16.4	16.4	16.4	23.8	23.8	23.8	36	36
Lub oil consumption@full-load (L/h)	0.60g/KW-h	0.60g/KW-h	0.60g/KWh	0.60g/KWh	0.60g/KW-h.	0.60g/KW-h	0.60g / KW-h	0.60g / KW-h
Gas consumption@full-load (m ³ /h)	19.8	23.2	25.2	29.45	31.2	36	56	58.5
Gas consumption@75% load (m ³ /h)	14.85	17.4	18.9	22.09	23.4	27	42	43.88
Gas consumption@50% load (m ³ /h)	9.9	11.6	12.6	14.73	15.6	18	28	29.25
Fuel consumption thermal value MJ/m ³	712.8	835.2	907.2	1060.2	1123.2	1296	2016	2106
Average consumption thermalvalue per KW MJ/KW-h	11.88	11.14	10.8	11.16	10.8	10.8	12.6	11.57
Alternator model	SLG224G	SLG274C	SLG274D	SLG274E	SLG274E	SLG274F	SLG274H	SLG274J
Open type dimension (mm)	2250x1050x1400	2250x1050x1400	2250x1050x1400	2400x1150x1500	2400x1150x1500	2400x1150x1500	2900x1200x1900	2900x1200x1850
Open type weight (kg)	1200	1400	1450	1650	1860	2000	2420	2200



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Genset model	NGC200	NGC250	NGC280	NGC300	NGC400	NGC450	NGC500
	NGC200/S	NGC250/S	NGC280/S	NGC300/S	NGC400/S	NGC450/S	NGC500/S
Genset rated power output (KW/KVA)	200KW/250KVA	250KW/313KVA	280KW/350KVA	300KW/375KV A	400KW/500KVA	450KW/563KVA	500KW/625KVA
Engine model	MNTAA855-N	MKTAA19-N	MKTAA19-N	MKTAA19-N	MKTAA38 - N	MKTAA3S-N	MKTAA38-N
Engine rated power output (KW)	250	312.5	350	B75	500	562.5	625
Engine characters	In line, Water cooled. Four valves. Bathtub combustion chamber	In line, Water cooled, Two valves.	I In line, Water cooled. Two valves, Bathtub combustion chamber		Vee, Water cooled, Two valves, Bathtub combustion chamber		
Cooling	Water-cooled						
No. of cylinder/ arrangement	6 In line				12 V		
Bore x Stroke (mm)	140x152	195x195	195x195	195x195	195x195	195x195	195x195
Displacement (L)	14L	19L	19L	19L	38L	38L	38L
Noise(Opten type dBA @full-load 1m)	88dBA	89dBA	90dBA	90dBA	95dBA	98dBA	101dBA
Engine mini. Lub oil capacity (L)	36	50	50	50	134	134	134
Lub oil consumption@full-load (L/h)	0.60g / KW h	0.55g / KW h	0.55g/KW-h	0.55g/KW-h	0.55g/KW-h.	0.55g/KW-h	0.55g/KW-h
Gas consumption@full-load (m ³ /h)	64	82.5	90	96	132	144	160
Gas consumption@75% load (m ³ /h)	48	61.88	67.5	72	99	108	120
Gas consumption@50% load (m ³ /h)	32	41.25	45	48	66	72	80
Fuel consumption thermal value MJ/m ³ (Referto NGC26VLU-m ³)	2304	2970	3240	3456	4752	5184	5760
Average consumption thermalvalue per KW M.I./KW'h	11.52	11.88	11.57	11.52	11.88	11.52	11.52
Alternator model	SLG274K	SLG314E	SLG314E	SLG314F	SLG354D	SLG354E	SLG354F
Open type dimension (mm)	2900x1200x1850	3800x1550x2000	4000x1550x2000	4000x1550x2000	4500x1850x2400	4500x1850x2400	4500x1850x2400
MS Open type weight (kg)	3650	3850	4000	4000	7500	8000	8500



GENERATOR SETS POWERED BY MAN NATURAL GAS ENGINE

MAIN SPECIFICATIONS OF GENERATOR SETS

Genset model	NGM104	NGM140	NGM200	NGM252	NGM400
	NGM104/S	NGM140/S	NGM200/S	NGM252/S	NGM400/S
Genset rated power output (KW/KVA)	104/130	140/175	200/250	252/315	400/500
Engine model	E0836LE202	E2876LE312	E2876LE302	E2848LE322	E2842LE322
Engine rated power output (KW)	110	150	210	265	420
Engine characters	In line, Water-cooled, Two valves, Bathtub combustion chamber, Exhaust turbocharging, Lean-burn			Vee, Water-cooled, Two valves, Bathtub combustion chamber, Exhaust turbocharging, Lean-burn	
Cooling	Water-cooled				
No. of cylinder / arrangement	6 In line			8 V	12 V
Bore x Stroke mm	108x125	128x166	128x166	128x142	128x142
Displacement (L)	6.87	12.8	12.8	21.9	21.9
Noise(Opten type dBA @full-load 1m)	85	85	85	97	97
Engine mini. Lub oil capacity (L)	24	42	41	70	60
Lub oil consumption@fulMoad (L/h)	0.55g/KW*h	0.55g/KW-h	0.55g/KW-h	0.52g/KWh	0.52g/KW-h
Gas consumption@full-load (m ³ /h)	28	40	54	68	105
Gas consumption@75% load (m ³ /h)	21	30	40.5	51	78.75
Gas cOnsumption@50% load (m ³ /h)	14	20	27	34	52.5
Fuel consumption thermal value MJ/m ³ (Referto N.G.36M] /m ³)	1008	1440	1944	2448	3780
Average consumption thermalvalue per KW MJ/KW*h	9.69	10.29	9.72	9.71	9.45
Alternator model	SLG274E	SLG274G	SLG274K	SLG314E	SLG354D
Open type dimension (mm)	3090x1170x1740	3090x1170x1740	3720x1300x2308	3520x1500x2320	4050x1500x2320
Open type weight (kg)	3250	3250	3500	4850	5900



GENERATOR SETS POWERED BY PERKINS NATURAL GAS ENGINE

MAIN SPECIFICATIONS OF GENERATOR SETS

Genset model	NGP306	NGP374	NGP425	NGP500	NGP875	NGP1000
	NGP306/S	NGP374/S	NGP425/S	NGP500/S	NGP875/S	NGPX000/S
Genset rated power output (KW/KVA)	306/383	374/468	425/531	500/625	875/1097	1000/1250
Engine model	4006-23TRS1	4006-23TRS2	4008-30TRS1	4008-30TRS2	4016-61TRS1	4016-61TRS2
Engine rated power output (KW)	322	393	447 .	526	912	1042
Engine characters	4 strokes, Premixed before the supercharger, Spark plug ignition, Electronic control					
Cooling	Water-air intercooler					
No. of cylinder / arrangment	6 In line		8 In line		16 V	
Bore x Stroke mm	160x190					
Displacement (L)	22.92		30.56		61.12	
Noise(Opten type dBA @ full-load 1m)	85	90	95	98	102	103
Engine mini.lub oil capacity (L)	122.7		165.6		286	
Lub oil consumption @ full-load (L/h)	0.6g/KW-h	0.6g/KW-h	0.6q/KW-h	0.6g/KW h	0.52g/KW h	0.52g/KW-h
Gas consumption @ full-load (m ³ /h)	85	101	116	135	237	268
Gas consumption @ 75% load (m ³ /h)	63.75	75.75	87	101.25	177.75	201
Gas consumption @ 50% load (m ³ /h)	42.5	50.5	58	67.5	118.5	134
Fuel consumption thermal value MJ/m ³ (Refer to N.G.36MJ/m ³)	3060	3636	4176	4860	8532	9648
Average consumption thermalvalue per KW MJ / KW*h	10	9.72	9.83	9.72	9.75	9.65
Alternator model	SLG314G	SKG354D	SLG354E	SLG354F	SLG404K	SLG454B
Open type dimension (mm)	2242x1633x1671	2658x1633x1671	2242x1633x1671	4650x2030x2280	5450x2300x2800	12192x2438x2591 (40ft Container)
Open type weight (kg)	2420	2420	2420	5850	11550	40215