



PowerKit

60HZ LEAN BURN NATURAL GAS ENGINES COP/PRP

60 HZ

Engine Model	Gross Engine Output		Typical Generator Output Engines				Asp.	Gov.
	COP	PRP	COP	kWe	kVA	kVA		
4M11G4N0/6	60	70	50	63	60	75	T/A-A	ECU
6M11G4N0/6	102	120	85	106	100	125	T/A-A	ECU
6M16G4N0/6	184	216	150	188	180	225	T/A-A	ECU
6M21G4N0/6	245	288	190	238	240	300	T/A-A	ECU
6M33G6N0/6	408	480	350	438	400	500	T/A-A	ECU
12M26G2N0/6	600	648	468	585	550	688	T/A-A	ECU
12M33G14N0/6	816	960	720	900	850	1063	T/A-W	ECU
12M33G14B0/6	816	960	720	900	850	1063	T/A-W	ECU
16M33G6N0/6	1280	-	1120	1400	-	-	T/A-W	ECU



60HZ RICH BURN NG/LPG ENGINES ESP/PRP/COP

Engine Model	Gross Engine Output			Typical generator output Engines				NG			
	ESP	PRP	COP	ESP	kVA	kWe	kVA	ESP	PRP	COP	PRP
2.4LNA	32	-	-	27	34	-	-	-	-	-	-
4X	58	52	37	50	63	45	56	56	56	56	56
4.5LNA	50	50	35	45	56	45	56	56	56	56	56
5.7LNA	64	70	49	56	70	62	77	77	77	77	77
6.7LNA	66	66	46	57	71	57	71	71	71	71	71
6.7LT	150	120	84	128	161	101	126	126	126	126	126
8.1LNA	100	88	62	87	109	76	95	95	95	95	95
8.1LT	176	150	105	156	195	132	165	165	165	165	165
8.8LNA	121	109	76	106	132	95	118	118	118	118	118
8.8LT	147	-	-	130	162	-	-	-	-	-	-
8.8LTCAC	195	-	-	179	224	-	-	-	-	-	-
10NA	120	120	84	99	124	99	124	124	124	124	124
10LT	236	203	142	211	264	180	225	225	225	225	225
13LT	300	245	172	263	328	211	264	264	264	264	264
22LT	510	434	304	455	569	375	468	468	468	468	468
32LT	720	612	428	661	827	559	698	698	698	698	698
40LT	920	828	580	836	1045	749	936	936	936	936	936
53LT	1185	1067	747	1050	1312	938	1172	1172	1172	1172	1172

Engine Model	Gross Engine Output			Typical generator output Engines				LPG			
	ESP	PRP	COP	ESP	kWe	kVA	kWe	ESP	PRP	COP	PRP
2.4LNA	35	-	-	30	37	-	-	-	-	-	-
4X	61	55	39	53	66	48	59	59	59	59	59
4.5LNA	49	49	34	44	55	44	55	55	55	55	55
5.7LNA	84	75	53	75	94	67	83	83	83	83	83
6.7LNA	87	87	61	76	95	76	95	95	95	95	95
6.7LT	99	99	69	82	102	82	102	102	102	102	102
8.1LNA	100	88	62	87	109	76	95	95	95	95	95
8.1LT	130	111	78	113	142	96	120	120	120	120	120
8.8LNA	138	124	87	121	152	109	136	136	136	136	136
8.8LT	-	-	-	-	-	-	-	-	-	-	-
8.8LTCAC	172	-	-	158	197	-	-	-	-	-	-
10NA	133	133	93	111	139	111	139	139	139	139	139
10LT	168	168	118	146	183	146	183	183	183	183	183
13LT	180	180	126	149	187	149	187	187	187	187	187
22LT	352	299	209	299	373	249	312	312	312	312	312
32LT	475	404	283	419	524	353	442	442	442	442	442
40LT	584	526	368	517	646	462	577	577	577	577	577
53LT	892	803	562	771	964	687	859	859	859	859	859



50HZ LEAN BURN NATURAL GAS ENGINES COP/PRP

50 HZ

Engine Model	Gross Engine Output		Typical Generator Output Engines			Asp.	Gov.
	COP	kW/m	PRP	COP	kVA		
4M11G4N0/5	60	70	50	63	75	T/A-A	ECU
6M11G4N0/5	102	120	85	106	125	T/A-A	ECU
6M16G4N0/5	155	182	130	163	188	T/A-A	ECU
6M21G4N0/5	245	288	204	255	300	T/A-A	ECU
6M33G6N0/5	380	450	320	400	475	T/A-A	ECU
12M26G2N0/5	550	582	425	531	625	T/A-A	ECU
12M33G10B0/5	748	880	680	850	1000	T/A-W	ECU
12M33G10N0/5	765	900	680	850	1000	T/A-W	ECU
16M33G6N0/5	1280	-	1100	1375	-	T/A-W	ECU
12M55G6N0/5	1588	-	1400	1750	-	T/A-W	ECU



50HZ RICH BURN NG/LPG ENGINES ESP/PRP/COP

Engine Model	NG						Engine Model	LPG								
	Gross Engine Output			Typical generator output Engines				Gross Engine Output			Typical generator output Engines					
	ESP	PRP	COP	ESP	kWe	kVA		PRP	COP	ESP	kWe	kVA	PRP	COP	ESP	kWe
2.4LNA	26	-	-	23	28	-	-	2.4LNA	29	-	-	25	32	-	-	-
4X	48	43	30	43	53	38	48	4X	51	46	32	45	56	40	50	50
4.5LNA	44	44	31	40	50	40	50	4.5LNA	47	47	33	43	53	43	53	53
5.7LNA	65	59	41	58	73	52	65	5.7LNA	70	63	44	63	79	57	71	71
6.7LNA	57	57	40	50	62	50	62	6.7LNA	73	73	51	65	81	65	81	81
6.7LT	120	106	74	103	129	91	113	6.7LT	100	100	70	85	106	85	106	106
8.1LNA	74	67	47	65	82	59	74	8.1LNA	74	67	47	65	82	59	74	74
8.1LT	145	131	92	130	162	117	146	8.1LT	102	92	64	90	113	81	102	102
8.8LNA	101	91	64	90	112	80	100	8.8LNA	115	103	72	102	128	92	115	115
8.8LT	123	-	-	109	137	-	-	8.8LT	-	-	-	-	-	-	-	-
8.8LTCAC	162	-	-	149	187	-	-	8.8LTCAC	143	-	-	132	164	-	-	-
10NA	102	102	71	87	108	87	108	10NA	111	111	78	95	119	95	119	119
10LT	230	212	148	209	261	192	240	10LT	162	162	113	144	180	144	180	180
13LT	250	234	164	223	279	209	261	13LT	151	151	106	130	162	130	162	162
22LT	397	340	238	360	450	299	374	22LT	276	235	165	240	300	202	252	252
32LT	600	510	357	557	696	471	589	32LT	405	344	241	364	455	307	384	384
40LT	740	666	466	681	851	611	764	40LT	487	438	307	441	551	394	493	493
53LT	987	888	622	894	1117	800	1000	53LT	744	670	469	663	829	593	741	741

NOTES

- PowerKit scope of supply includes engine, standard radiator, air cleaner, and electronic governor, unless specified
- All ratings are based on operating conditions under ISO 8528-1, ISO 3046, DIN6271 and using typical fan sizes and drive ratios. Performance tolerance of ±5%. Please refer to the specific engine datasheet for more information

REMARKS

- Electrical outputs are based on typical alternator efficiency and are for guidance only, kVA
Figures are calculated using 0.8 Power Factor

Models with B in their name are BIOGAS engines
T/A-A Turbocharged & air-to-air aftercooled.
T/A-W Turbocharged & air-to-water aftercooled
*All the PSI engines are water cooled

DEFINITIONS

COP

Continuous Power is the maximum power available for an unlimited period of use at a constant load factor. No overload capability is allowed.

PRP

Prime Power is the maximum power available for unlimited hours of usage in a variable load application. The average load factor should not exceed 70% of the engine's PRP power rating during any 24 hour period. An overload capability of 10% is available, however, this is limited to 1 hour within every 12 hour period.

ESP

Emergency Standby Power is the maximum power available for a varying load for the duration of a main power network failure. The average load factor over 24 hours of operation should not exceed 70% of the engine's ESP power rating. Typical operational hours of the engine is 200 hours per year, with a maximum usage of 500 hours per year. This includes an annual maximum of 25 hours per year at the ESP power rating. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

PK.R.229/EN.03.23



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