MOTEURS Baudouin
A WEICHAI COMPANY

PowerKit
RATING CARD

EMEA
March 2022

50HZ/60HZ UNREGULATED COP ENGINES

Baudouin PowerKit

COP Diesel Engine Models	Gross Engine Output		Engines Generator Output				RPM	Asp.	Gov.
	COP	PRP	COP		PRP				
	kWm		kWe	kVA	kWe	kVA			
6M11G2D0/5	117	138	100	125	120	150	1500	T/A-A	ELEC
6M16G2D0/5	204	240	160	200	200	250	1500	T/A-A	ELEC
6M16G4D0/5	238	275	200	250	240	300	1500	T/A-A	ECU
6M21G2D0/5	303	368	260	325	320	400	1500	T/A-A	ELEC
6M26G2D0/5	370	448	320	400	400	500	1500	T/A-A	ELEC
6M33G2D0/5	460	575	400	500	520	650	1500	T/A-A	ECU
12M26G2D0/5	720	889	652	815	816	1020	1500	T/A-A	ELEC
12M33G2D0/5	882	1100	780	975	1000	1250	1500	T/A-A	ECU
16M33G2D0/5	1200	1530	1080	1350	1400	1750	1500	T/A-W	ECU
12M55G2D0/5	1805	1985	1600	2000	1800	2250	1500	T/A-W	ECU
6M11G2D0/6	132	144	112	140	120	150	1800	T/A-A	ELEC
6M16G2D0/6	204	262	169,6	212	224,8	281	1800	T/A-A	ELEC
6M16G4D0/6	276	314	240	300	272	340	1800	T/A-A	ECU
6M21G2D0/6	350	407	300	375	350,4	438	1800	T/A-A	ELEC
6M26G2D0/6	409	506	360	450	450,4	563	1800	T/A-A	ELEC
6M33G2D0/6	515	610	460	575	550,4	688	1800	T/A-A	ECU
12M26G2D0/6	820	920	720	900	800	1000	1800	T/A-A	ELEC
12M33G2D0/6	1000	1235	900	1125	1100	1375	1800	T/A-A	ECU
16M33G2D0/6	1380	1625	1249	1562	1480	1850	1800	T/A-W	ECU
12M55G2D0/6	2015	2200	1800	2250	2000	2500	1800	T/A-W	ECU

50HZ/60HZ REGULATED EMISSIONS ESP/PRP ENGINES

Emissionized Diesel Engine Models	Gross Engine Output		Typical Generator Output Engines				RPM	Asp.	Gov.
	ESP	PRP	ESP		PRP				
	kWm		kWe	kVA	kWe	kVA			
4M08G2D3/5	20	18	16	20	14	18	1500	NA	ECU
4M08G4D3/5	27,5	25	22	27,5	20	25	1500	NA	ECU
4M08G6D3/5	33	30	28	35	26	32	1500	NA	ECU
4M08G8D3/5	36	33	30	38	28	35	1500	NA	ECU
4M08G10D3/5	44	36,8	36	45	30	38	1500	T	ECU
4M10G2D3/5	66	60	55	69	50	63	1500	T	ECU
4M10G4D3/5	84	74,5	72	90	66	82	1500	T/A-A	ECU
4M10G6D3/5	105	96	88	110	80	100	1500	T/A-A	ECU
4M12G1D3/5	120	110	100	125	90	113	1500	T/A-A	ECU
4M12G2D3/5	138	125	120	150	100	125	1500	T/A-A	ECU
4M12G4D3/5	148	135	132	165	120	150	1500	T/A-A	ECU
6M12G2D3/5	185	168	160	200	144	180	1500	T/A-A	ECU
6M12G4D3/5	216	196	176	220	160	200	1500	T/A-A	ECU
6M12G6D3/5	240	218	200	250	180	225	1500	T/A-A	ECU
6M12G8D3/5	264	240	220	275	200	250	1500	T/A-A	ECU
6M16G8D3/5	320	275	280	350	250	310	1500	T/A-A	ECU
6M21G2D3/5	385	350	320	400	300	375	1500	T/A-A	ECU
6M21G4D3/5	405	368	352	440	320	400	1500	T/A-A	ECU
6M21G6D3/5	450	392	400	500	344	430	1500	T/A-A	ECU
6M21G8D3/5	490	450	440	550	400	500	1500	T/A-A	ECU
8M21G5D3/5	580	530	528	660	480	600	1500	T/A-A	ECU
4M08G2D3/6	23	21	16	20	14	17,5	1800	NA	ECU
4M08G4D3/6	33	30	28	35	26	32	1800	NA	ECU
4M08G6D3/6	44	36,9	36	45	30	38	1800	NA	ECU
4M06G1D3/6	53	48	45	56	40	50	1800	T	ECU
4M06G4D3/6	63	58	55	69	50	63	1800	T/A-A	ECU
4M10G2D3/6	80	72	66	83	60	75	1800	T	ECU
4M10G4D3/6	95	85	83	104	75	94	1800	T	ECU
4M10G6D3/6	115	105	100	125	90	113	1800	T/A-A	ECU
4M12G2D3/6	145	132	130	163	120	150	1800	T/A-A	ECU
6M11G4D3/6	158	144	135	170	120	150	1800	T/A-A	ECU
6M11G6D3/6	180	164	160	200	145	181	1800	T/A-A	ECU
6M12G2D3/6	200	182	172	215	156	195	1800	T/A-A	ECU
6M12G4D3/6	238	216	200	250	180	225	1800	T/A-A	ECU
6M12G6D3/6	258	235	220	275	200	250	1800	T/A-A	ECU
6M12G8D3/6	288	262	250	313	230	288	1800	T/A-A	ECU
6M16G8D3/6	360	314	312	390	272	340	1800	T/A-A	ECU
6M21G2D3/6	385	350	330	413	300	375	1800	T/A-A	ECU
6M21G4D3/6	460	400	400	500	350	438	1800	T/A-A	ECU
6M21G6D3/6	510	450	460	575	400	500	1800	T/A-A	ECU
8M21G3D3/6	580	530	520	650	480	600	1800	T/A-A	ECU

50HZ/60HZ LEAN BURN NATURAL GAS COP/PRP ENGINES

Natural Gas Engine Models	Gross Engine Output		Typical Generator Output Engines				RPM	Asp.	Gov.
	COP	PRP	COP		PRP				
	kWm (Gross)		kWe	kVA	kWe	kVA			
4M11G4N0/5	60	70	50	63	60	75	1500	T/A-A	ECU
6M11G4N0/5	102	120	85	106	100	125	1500	T/A-A	ECU
6M16G4N0/5	155	182	130	163	150	188	1500	T/A-A	ECU
6M21G4N0/5	245	288	204	255	240	300	1500	T/A-A	ECU
6M33G6N0/5	380	450	320	400	380	475	1500	T/A-A	ECU
12M26G2N0/5	495	582	425	531	500	625	1500	T/A-A	ECU
12M33G4N0/5	587	690	522	653	614	768	1500	T/A-W	ECU
12M33G10N0/5	765	900	680	850	800	1000	1500	T/A-W	ECU
16M33G6N0/5	1280	/	1100	1375	/	/	1500	T/A-W	ECU
12M55G6N0/5	1588	/	1400	1750	/	/	1500	T/A-W	ECU
4M11G4N0/6	60	70	50	63	60	75	1800	T/A-A	ECU
6M11G4N0/6	102	120	85	106	100	125	1800	T/A-A	ECU
6M16G4N0/6	184	216	150	188	180	225	1800	T/A-A	ECU
6M21G4N0/6	245	288	190	238	240	300	1800	T/A-A	ECU
6M33G6N0/6	408	480	350	438	400	500	1800	T/A-A	ECU
12M26G2N0/6	550	648	468	585	550	688	1800	T/A-A	ECU
12M33G4N0/6	553	650	486	608	572	715	1800	T/A-W	ECU
12M33G14N0/6	816	960	720	900	850	1063	1800	T/A-W	ECU
16M33G6N0/6	1280	/	1120	1400	/	/	1800	T/A-W	ECU

NOTES

- PowerKit scope of supply includes engine, 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
- Electrical outputs are based on typical alternator efficiency and are for guidance only. kVA Figures are calculated using 0.8 Power Factor

REMARKS

^ Designed for ESP applications. The indicated PRP Power is for reference only.

NA Naturally aspirated.

T Turbocharged.

T/A-A Turbocharged & air-to-air aftercooled.

T/A-W Turbocharged & air-to-water aftercooled.

50HZ UNREGULATED ESP/PRP/DCP ENGINES

ESP/PRP/DCP Diesel Engine Models	Gross Engine Output			Typical Generator Output Engines						RPM	Asp.	Gov.
	ESP	PRP	DCP	ESP		PRP		DCP				
		kWm		kWe	kVA	kWe	kVA	kWe	kVA			
4M06GT20/5[A]	20	18	-	16	20	15	18			1500	NA	ELEC
4M06G2D0/S	20	18	-	16	20	15	18			1500	NA	ELEC
4M06GT25/5[A]	25	23	-	20	25	18	23	-	-	1500	NA	ELEC
4M06G4D0/S	25	23	-	20	25	18	23	-	-	1500	NA	ELEC
4M06GT35/5[A]	33	30	-	28	35	26	32	-	-	1500	T	ELEC
4M06G6D0/S	33	30	-	28	35	26	32	-	-	1500	T	ELEC
4M06G8D0/S	41	37	-	35	44	32	40	-	-	1500	T	ELEC
4M06G50/5	48	44	-	40	50	36	45	-	-	1500	T/A-A	ELEC
4M06G10D0/5	53	48	-	53	55	40	50	-	-	1500	T/A-A	ECU
4M10G2D0/S	66	60	-	57	72	52	65	-	-	1500	T	ELEC
4M10G4D0/S	80	72	-	88	70	80	64	-	-	1500	T	ELEC
4M10G6D0/S	100	90	-	88	110	80	100	-	-	1500	T/A-A	ELEC
6M11G2D0/S	132	120	-	116	145	104	130	-	-	1500	T/A-A	ELEC
6M11G150/5	140	128	-	120	150	108	135	-	-	1500	T/A-A	ELEC
6M11G4D0/S	152	138	-	132	165	120	150	-	-	1500	T/A-A	ELEC
6M16G2D0/S	204	187	-	176	220	160	200	-	-	1500	T/A-A	ELEC
6M16G4D0/S	238	216	-	200	250	184	230	-	-	1500	T/A-A	ELEC
6M16G6D0/S	264	240	-	220	275	200	250	-	-	1500	T/A-A	ELEC
6M16G300/5	280	255	-	240	300	220	275			1500	T/A-A	ELEC
6M16G350/5	320	291	-	280	350	256	320	-	-	1500	T/A-A	ELEC
6M21G400/5	385	350	-	320	400	300	375	-	-	1500	T/A-A	ELEC
6M21G440/5	405	368	-	352	440	320	400	-	-	1500	T/A-A	ELEC
6M21G500/5	450	409	-	400	500	360	450	-	-	1500	T/A-A	ECU
6M21G550/5	490	450	-	440	550	400	500	-	-	1500	T/A-A	ECU
8M21G4D0/S	580	530	530	528	660	480	600	480	600	1500	T/A-A	ECU
6M33G2D0/S	633	575	-	572	715	520	650	-	-	1500	T/A-A	ECU
6M33G750/5	670	610	-	600	750	544	680	-	-	1500	T/A-A	ELEC
6M33G6D0/S	725	675	675	660	825	600	750	600	750	1500	T/A-A	ECU
12M26G900/5	793	725	725	720	900	652	815	652	815	1500	T/A-A	ELEC
12M26G1000/5	902	820	820	800	1000	720	900	720	900	1500	T/A-A	ELEC
12M26G1100/5	973	889	889	898	1120	816	1020	816	1020	1500	T/A-A	ELEC
12M26G2D0/S	968	880	880	880	1100	800	1000	800	1000	1500	T/A-A	ELEC
12M33G1250/5	1108	1007	-	1000	1250	920	1150	-	-	1500	T/A-A	ELEC
12M33G1265/5	1120	1018	1018	1012	1265	920	1150	920	1150	1500	T/A-A	ECU
12M33G1400/5	1210	1100		1120	1400	1000	1250	-	-	1500	T/A-A	ELEC
12M33G1410/5	1240	1130	1130	1128	1410	1024	1280	1024	1280	1500	T/A-A	ECU
12M33G1500/5	1320	1200	-	1200	1500	1100	1375	-	-	1500	T/A-A	ELEC
12M33G1650/5	1450	1350	1350	1320	1650	1200	1500	1200	1500	1500	T/A-A	ECU
16M33G1900/5	1680	1530	1530	1520	1900	1400	1750	1400	1750	1500	T/A-W	ECU
16M33G2000/5	1800	1680	1680	1650	2050	1500	1875	1500	1875	1500	T/A-W	ECU
16M33G2250/5^	1980	1800	-	1800	2250	1650	2050	-	-	1500	T/A-W	ECU
20M33G2250/5	2020	1850	1850	1800	2250	1600	2000	1600	2000	1500	T/A-W	ECU
20M33G2500/5^	2210	2010	-	2000	2500	1800	2250	-	-	1500	T/A-W	ECU
12M55G2300/5	2020	1850	1850	1840	2300	1680	2100	1680	2100	1500	T/A-W	ECU
12M55G2550/5^	2210	1985	1985	2040	2550	1824	2280	1824	2280	1500	T/A-W	ECU
12M55G2750/5	2450	2200	2200	2200	2750	2000	2500	2000	2500	1500	T/A-W	ECU
12M55G3000/5^	2700	2420	-	2400	3000	2200	2750	-	-	1500	T/A-W	ECU
16M55G3000/5	2750	2500	2500	2500	3125	2250	2813	2250	2813	1500	T/A-W	ECU
16M55G3300/5	2900	2646	2646	2650	3313	2400	3000	2400	3000	1500	T/A-W	ECU
16M55G3750/5	3300	2900	2900	3000	3750	2600	3250	2600	3250	1500	T/A-W	ECU
16M55G4000/5^	3600	3300	-	3300	4125	3000	3750	-	-	1500	T/A-W	ECU

60HZ UNREGULATED ESP/PRP/DCP ENGINES

ESP/PRP/DCP Diesel Engine Models	Gross Engine Output			Typical Generator Output Engines						RPM	Asp.	Gov.
	ESP	PRP	DCP	ESP		PRP		DCP				
		kWm		kWe	kVA	kWe	kVA	kWe	kVA			
4M06G2D0/S	25	23	-	20	25	18	23	-	-	1800	NA	ELEC
4M06G4D0/S	30	27	-	25	32	23	29	-	-	1800	NA	ELEC
4M06G6D0/S	41	37	-	33	42	30	38	-	-	1800	T	ELEC
4M06G8D0/S	47	43	-	41	51	37	47	-	-	1800	T	ELEC
4M06G50/6	58	53	-	50	63	45	56	-	-	1800	T/A-A	ELEC
4M06G10D0/S	63	58	-	55	69	50	63	-	-	1800	T/A-A	ECU
4M10G2D0/S	80	72	-	68	85	60	75	-	-	1800	T	ELEC
4M10G4D0/S	95	85		83	103	75	94			1800	T	ELEC
4M10G6D0/S	115	105	-	100	125	90	112	-	-	1800	T/A-A	ELEC
6M11G110/6	132	120	-	110	138	100	125	-	-	1800	T/A-A	ELEC
6M11G2D0/S	152	138	-	132	165	120	150	-	-	1800	T/A-A	ELEC
6M11G135/6	158	144	-	135	170	120	150	-	-	1800	T/A-A	ELEC
6M11G4D0/S	180	164	-	160	200	145	181	-	-	1800	T/A-A	ELEC
6M16G2D0/S	238	216	-	200	250	180	225	-	-	1800	T/A-A	ELEC
6M16G4D0/S	264	240	-	224	280	200	250	-	-	1800	T/A-A	ELEC
6M16G6D0/S	288	262	-	250	313	227	284	-	-	1800	T/A-A	ELEC
6M16G308/6	360	327	-	308	385	280	350	-	-	1800	T/A-A	ELEC
6M21G330/6	385	350	-	330	413	300	375	-	-	1800	T/A-A	ELEC
6M21G2D0/S	402	366	-	344	430	312	390	-	-	1800	T/A-A	ELEC
6M21G390/6	448	407	-	390	488	350	438	-	-	1800	T/A-A	ELEC
6M21G400/6	460	418	-	400	500	360	455	-	-	1800	T/A-A	ECU
6M21G460/6	510	450	-	460	575	400	500	-	-	1800	T/A-A	ECU
6M21G460/6	320	291	-	280	350	256	320	-	-	1800	T/A-A	ELEC
8M21G4D0/S	580	530	530	520	650	472	590	472	590	1800	T/A-A	ECU
6M33G2D0/S	633	575	-	575	719	520	650	-	-	1800	T/A-A	ECU
6M33G600/6	670	610	-	600	750	550	688	-	-	1800	T/A-A	ELEC
6M33G633/6	710	645	-	633	791	575	719	-	-	1800	T/A-A	ELEC
6M33G6D0/S	740	670	670	660	825	600	750	600	750	1800	T/A-A	ECU
12M26G660/6	748	680		660	825	600	750	-	-	1800	T/A-A	ELEC
12M26G704/6	792	720	720	704	880	640	800	640	800	1800	T/A-A	ELEC
12M26G800/6	902	820	820	800	1000	720	900	720	900	1800	T/A-A	ELEC
12M26G900/6	1012	920	920	900	1125	800	1000	800	1000	1800	T/A-A	ELEC
12M26G2D0/S	968	880	800	880	1100	800	1000	800	1000	1800	T/A-A	ELEC
12M26G1000/6^	1115	1014	-	1000	1250	910	1138	-	-	1800	T/A-A	ELEC
12M33G1000/6	1108	1007	-	1000	1250	900	1125	-	-	1800	T/A-A	ELEC
12M33G1100/6	1265	1150	-	1100	1375	1000	1250	-	-	1800	T/A-A	ELEC
12M33G1105/6	1210	1100	1100	1105	1380	1005	1255	1005	1255	1800	T/A-A	ECU
12M33G1200/6	1320	1200	-	1200	1500	1092	1365	-	-	1800	T/A-A	ELEC
12M33G1240/6	1360	1235	1235	1240	1550	1100	1375	1100	1375	1800	T/A-A	ECU
12M33G1300/6	1420	1290	-	1300	1625	1176	1470	-	-	1800	T/A-A	ELEC
16M33G1400/6	1580	1440	-	1400	1750	1275	1594	-	-	1800	T/A-W	ECU
16M33G1500/6	1680	1530	1530	1500	1875	1365	1706	1365	1706	1800	T/A-W	ECU
16M33G1650/6	1785	1625	-	1650	2063	1500	1875	-	-	1800	T/A-W	ECU
16M33G1750/6^	1920	1750	-	1750	2188	1590	1988	-	-	1800	T/A-W	ECU
20M33G2000/6	2230	2027	2027	2000	2500	1800	2250	1800	2250	1800	T/A-W	ECU
20M33G2200/6^	2460	2240	-	2200	2750	2000	2500	-	-	1800	T/A-W	ECU
12M55G2000/6	2230	2050	2050	2000	2500	1852	2315	1852	2315	1800	T/A-W	ECU
12M55G2250/6	2460	2200	2200	2250	2813	2045	2557	2045	2557	1800	T/A-W	ECU
12M55G2500/6^	2725	2450	-	2500	3125	2250	2813	-	-	1800	T/A-W	ECU
16M55G2640/6	2960	2710	2710	2640	3300	2400	3000	2400	3000	1800	T/A-W	ECU
16M55G2800/6	3150	2870	2870	2800	3500	2560	3200	2560	3200	1800	T/A-W	ECU
16M55G3000/6	3350	2930	2930	3000	3750	2640	3300	2640	3300	1800	T/A-W	ECU
16M55G3300/6^	3600	3300	-	3300	4125	3000	3750	-	-	1800	T/A-W	ECU

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.

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.

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.

DCP

Data Centre Power is defined as being the maximum power which a generating set is capable of delivering while supplying a variable or continuous electrical load and during unlimited run hours. Depending on the sites to supply and the availability of reliable utility, the generating set manufacturer is responsible to define what power level he is able to supply to fulfil that requirement including hardware or software or maintenance plan adaptation.

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