MOTEURS Baudouin
A WEICHAI COMPANY

PowerKit
RATING CARD

DIESEL
60 Hz

April 2025

Baudouin PowerKit

60 HZ REGULATED ENGINES | From 18 - 4125 kVA

60 Hz

Engine Model	Gross Engine Output		Typical Generator Output				Asp.	Gov.	Emission**
	PRP	ESP	PRP		ESP				
	kWm		kWe	kVA	kWe	kVA			
4M08G2D3/6	21	23	14	18	16	20	NA	ECU	EU Stage III A
4M08G4D3/6	30	33	26	32	28	35	NA	ECU	EU Stage III A
4M08G6D3/6	37	44	30	38	36	45	NA	ECU	EU Stage III A
4M06G1D3/6	48	53	40	50	45	56	T/A-A	ECU	EU Stage III A
4M06G4D3/6	58	63	50	63	55	69	T/A-A	ECU	EU Stage III A
4M10G2D3/6	72	80	60	75	66	83	T	ECU	EU Stage III A
4M10G4D3/6	85	95	75	94	83	104	T	ECU	EU Stage III A
4M10G6D3/6	105	115	90	113	100	125	T/A-A	ECU	EU Stage III A
4M12G2D3/6	132	145	120	150	130	163	T/A-A	ECU	EU Stage III A
6M11G4D3/6	144	158	120	150	135	170	T/A-A	ECU	EU Stage III A
6M11G6D3/6	164	180	145	181	160	200	T/A-A	ECU	EU Stage III A
6M13G2D5/S	182	200	150	188	165	206	T/A-A	ECU	EU Stage V
6M12G2D3/6	182	200	156	195	172	215	T/A-A	ECU	EU Stage III A
6M13G4D5/S	216	238	180	225	200	250	T/A-A	ECU	EU Stage V
6M12G4D3/6	216	238	180	225	200	250	T/A-A	ECU	EU Stage III A
6M13G6D5/S	225	248	190	238	215	269	T/A-A	ECU	EU Stage V
6M12G6D3/6	235	258	200	250	220	275	T/A-A	ECU	EU Stage III A
6M13G8D5/S	235	259	200	250	220	275	T/A-A	ECU	EU Stage V
6M16G4D3/6	240	264	200	250	220	275	T/A-A	ECU	EU Stage III A
6M16G6D3/6	262	288	227	284	250	313	T/A-A	ECU	EU Stage III A
6M16G2D5/S	314	360	270	338	310	388	T/A-A	ECU	EU Stage V
6M21G0D5/S	314	360	270	338	310	388	T/A-A	ECU	EU Stage V
6M16G8D3/6	314	360	272	340	312	390	T/A-A	ECU	EU Stage III A
6M21G2D3/6	350	385	300	375	330	413	T/A-A	ECU	EU Stage III A
6M21G2D5/S	365	401	300	375	330	413	T/A-A	ECU	EU Stage V
6M21G4D3/6	400	460	350	438	400	500	T/A-A	ECU	EU Stage III A
6M21G4D5/S	418	460	360	450	410	513	T/A-A	ECU	EU Stage V
6M21G6D3/6	450	510	400	500	460	575	T/A-A	ECU	EU Stage III A
6M21G6D5/S	450	500	400	500	460	575	T/A-A	ECU	EU Stage V
8M21G3D3/6	530	580	480	600	520	650	T/A-A	ECU	EU Stage III A
6M33G2D5/S	575	633	500	625	550	688	T/A-A	ECU	EU Stage V
6M33G4D5/S	600	660	520	650	580	725	T/A-A	ECU	EU Stage V
6M33G8D2/6^	610	670	550	688	600	750	T/A-A	ECU	EPA Tier2
6M33G10D2/6^	670	715	600	750	633	791	T/A-A	ECU	EPA Tier2
6M33G12D2/6^	670	726	600	750	644	805	T/A-A	ECU	EPA Tier2
8M33G4D2/6^	730	800	640	800	700	875	T/A-A	ECU	EPA Tier2
8M33G6D2/6^	815	946	720	900	840	1050	T/A-A	ECU	EPA Tier2
12M33G8D2/6^	1007	1120	900	1125	1000	1250	T/A-A	ECU	EPA Tier2
12M33G2D5/S	1130	1240	1000	1375	1100	1375	T/A-A	ECU	EU Stage V
12M33G12D2/6^	1290	1420	1100	1375	1300	1625	T/A-A	ECU	EPA Tier2
16M33G2D2/6^	1530	1680	1400	1750	1500	1875	T/A-W	ECU	EPA Tier2
16M33G4D2/6^	1750	1893	1600	2000	1750	2188	T/A-W	ECU	EPA Tier2
20M33G2D2/6^	1800	2027	1600	2000	1800	2250	T/A-W	ECU	EPA Tier2
20M33G4D2/6^	2027	2230	1800	2250	2000	2500	T/A-W	ECU	EPA Tier2
20M33G6D2/6^	2200	2460	2000	2500	2200	2750	T/A-W	ECU	EPA Tier2
12M55G4D2/6^	2200	2500	2000	2500	2300	2875	T/A-W	ECU	EPA Tier2
12M55G5D2/6^	2450	2700	2250	2813	2500	3125	T/A-W	ECU	EPA Tier2
16M55G2D2/6^	2710	2960	2400	3000	2640	3300	T/A-W	ECU	EPA Tier2
16M55G4D2/6^	2870	3150	2560	3200	2800	3500	T/A-W	ECU	EPA Tier2
16M55G6D2/6^	2930	3350	2640	3300	3000	3750	T/A-W	ECU	EPA Tier2
16M55G8D2/6^	3300	3600	3000	3750	3300	4125	T/A-W	ECU	EPA Tier2

^PRP ratings are for reference purpose only.

**Emission refers to either emission-certified engines or to engines with emission output values equivalent to the relevant legislation.

60 HZ UNREGULATED ENGINES | From 18 - 550 kVA

Engine Model	Gross Engine Output		Typical Generator Output				Asp.	Gov.
	PRP	ESP	PRP		ESP			
	kWm		kWe	kVA	kWe	kVA		
4M06G2D0/S	23	25	18	23	20	25	NA	ELEC
4M06G4D0/S	27	30	23	29	25	32	NA	ELEC
4M06G6D0/S	37	41	30	38	33	42	T	ELEC
4M06G8D0/S	43	47	37	47	41	51	T	ELEC
4M06G50/6	53	58	45	56	50	63	T/A-A	ELEC
4M06G10D0/S	58	63	50	63	55	69	T/A-A	ECU
4M10G2D0/S	72	80	60	75	68	85	T	ELEC
4M10G4D0/S	85	95	75	94	83	103	T	ELEC
4M10G6D0/S	105	115	90	113	100	125	T/A-A	ELEC
6M11G110/6	120	132	100	125	110	138	T/A-A	ELEC
6M11G2D0/S	138	152	120	150	132	165	T/A-A	ELEC
6M11G135/6	144	158	120	150	135	170	T/A-A	ELEC
6M11G4D0/S	164	180	145	181	160	200	T/A-A	ELEC
6M11G176/6^	182	200	160	200	176	220	T/A-A	ELEC
6M16G2D0/S	216	238	180	225	200	250	T/A-A	ELEC
6M16G4D0/S	240	264	200	250	224	280	T/A-A	ELEC
6M16G6D0/S	262	288	227	284	250	313	T/A-A	ELEC
6M16G308/6	327	360	280	350	308	385	T/A-A	ELEC
6M21G330/6	350	385	300	375	330	413	T/A-A	ELEC
6M21G2D0/S	366	402	312	390	344	430	T/A-A	ELEC
6M21G390/6	407	448	350	438	390	488	T/A-A	ELEC
6M21G400/6	418	460	360	455	400	500	T/A-A	ECU
6M21G8D0/S	450	510	400	500	460	575	T/A-A	ECU

60 HZ UNREGULATED ENGINES | From 650 - 4125 kVA

Engine Model	Gross Engine Output		Typical Generator Output				Asp.	Gov.
	PRP	ESP	PRP		ESP			
	kWm		kWe	kVA	kWe	kVA		
8M21G520/6	530	580	472	590	520	650	T/A-A	ECU
6M31G528/6	561	610	480	600	528	660	T/A-A	ECU
6M33G2D0/S	575	633	520	650	572	715	T/A-A	ELEC/ECU
6M31G580/6	580	640	520	650	580	725	T/A-A	ECU
6M33G600/6	610	670	550	688	600	750	T/A-A	ELEC
6M31G600/6	640	680	550	688	600	750	T/A-A	ECU
6M33G633/6	645	710	575	719	633	791	T/A-A	ELEC
6M33G6D0/S	670	740	600	750	660	825	T/A-A	ECU
6M31G660/6	680	740	600	750	660	825	T/A-A	ECU
6M31G700/6	730	800	640	800	700	875	T/A-A	ECU
6M31G800/6^	800	880	720	900	800	1000	T/A-A	ECU
12M26G704/6	720	792	640	800	704	880	T/A-A	ELEC
12M26G800/6	820	902	720	900	800	1000	T/A-A	ELEC
12M26G2D0/S	880	968	800	1000	880	1100	T/A-A	ELEC
12M26G900/6	920	1012	800	1000	900	1125	T/A-A	ELEC
12M26G1000/6^	1014	1115	910	1138	1000	1250	T/A-A	ELEC
12M33G1000/6	1007	1108	900	1125	1000	1250	T/A-A	ELEC
12M33G1100/6	1150	1265	1000	1250	1100	1375	T/A-A	ELEC
12M33G1200/6	1200	1320	1092	1365	1200	1500	T/A-A	ELEC
12M33G1300/6	1290	1420	1176	1470	1300	1625	T/A-A	ELEC
16M33G1400/6	1440	1580	1275	1594	1400	1750	T/A-W	ECU
16M33G1500/6	1530	1680	1365	1706	1500	1875	T/A-W	ECU
16M33G1650/6	1625	1785	1500	1875	1650	2063	T/A-W	ECU
16M33G2500/5^	1680	1800	1500	1875	1650	2050	T/A-W	ECU
16M33G1750/6^	1750	1920	1590	1988	1750	2188	T/A-W	ECU
20M33G2000/6	2027	2230	1800	2250	2000	2500	T/A-W	ECU
20M33G2200/6^	2240	2460	2000	2500	2200	2750	T/A-W	ECU
12M55G2250/6	2200	2500	2045	2557	2250	2813	T/A-W	ECU
12M55G2500/6^	2450	2700	2250	2813	2500	3125	T/A-W	ECU
16M55G2640/6	2710	2960	2400	3000	2640	3300	T/A-W	ECU
16M55G2800/6	2870	3150	2560	3200	2800	3500	T/A-W	ECU
16M55G3000/6	2930	3350	2640	3300	3000	3750	T/A-W	ECU
16M55G3300/6^	3300	3600	3000	3750	3300	4125	T/A-W	ECU

NOTES

- Above ratings are based on standardized available scope of supplies.
- 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 & fan losses where applicable and are for guidance only. kVA figures are calculated using 0.8 Power Factor.

S stands for Switchable

For any Continuous operation(COP) ratings, please contact Baudouin Application Engineering team

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

/S Dual-speed operation available at 50Hz/60Hz

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.

LTP

Limited-Time Prime power is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 1000h of operation per year with the maintenance intervals and procedures being carried out as prescribed. The average load factor over 24 hours of operation should not exceed 70% of the engine's LTP power rating.

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