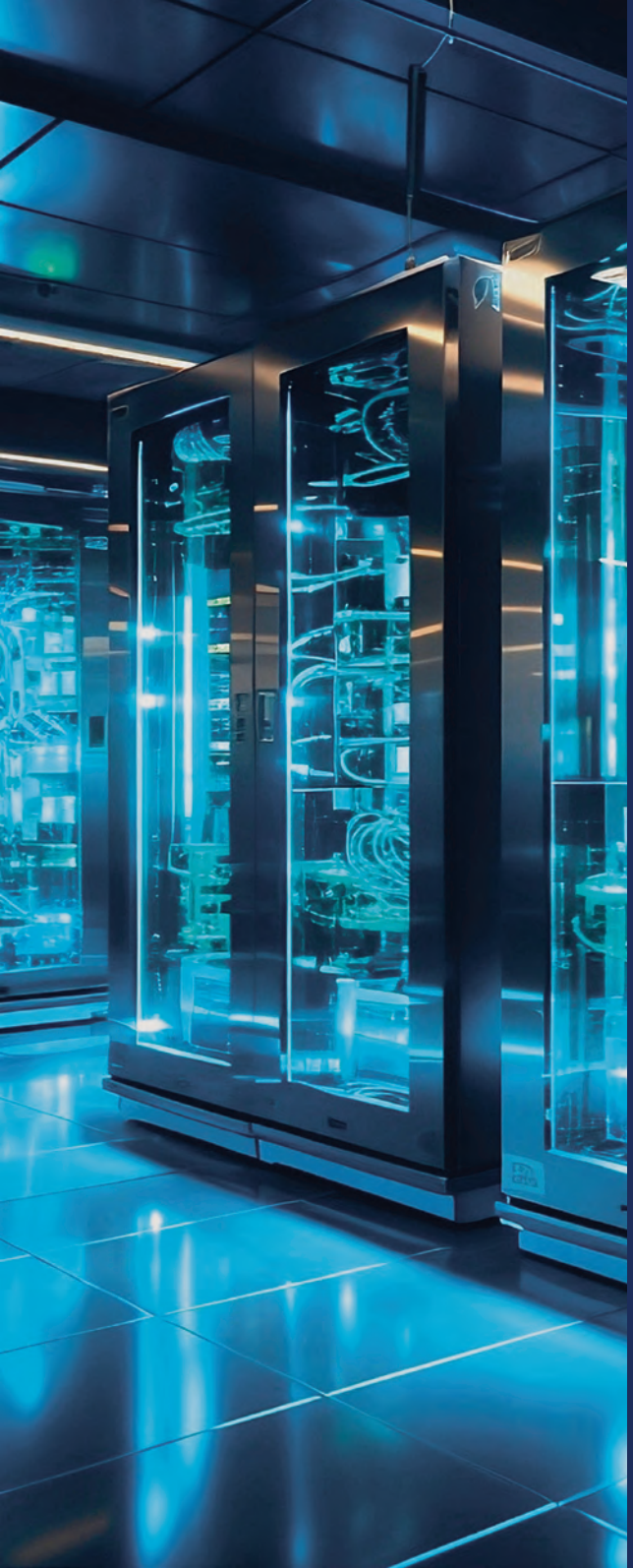

MOTEURS Baudouin
A WEICHAI COMPANY

PowerKit
RATING CARD

DIESEL
60 Hz

UNREGULATED ENGINES | From 19 - 575 kVA

Engine Model	Gross Engine Output		Typical Generator Output				Aspiration	Governor
	PRP	ESP	PRP		ESP			
	kWm		kWe	kVA	kWe	kVA		
4M06G2D0/S	23	25	15	19	16	20	NA	ELEC
4M06G4D0/S	27	30	22	28	24	30	NA	ELEC
4M06G6D0/S	37	41	30	38	33	41	T	ELEC
4M06G8D0/S	43	47	37	46	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	104	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	169	T/A-A	ELEC
6M11G4D0/S	163	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	450	400	500	T/A-A	ECU
6M21G8D0/S	450	510	400	500	460	575	T/A-A	ECU

UNREGULATED ENGINES | From 590 - 4125 kVA

Engine Model	Gross Engine Output		Typical Generator Output				Aspiration	Governor
	PRP	ESP	PRP		ESP			
	kWm		kWe	kVA	kWe	kVA		
8M21G520/6	530	580	472	590	520	650	T/A-A	ECU
6M33G1D0/S	575	633	520	650	572	715	T/A-A	ECU
6M33G600/6	610	670	550	688	600	750	T/A-A	ELEC
6M33G633/6	645	710	575	719	633	791	T/A-A	ELEC
6M33G6D0/S	670	740	600	750	660	825	T/A-A	ECU
6M31G528/6	561	610	480	600	528	660	T/A-A	ECU
6M31G580/6	580	640	520	650	580	725	T/A-A	ECU
6M31G600/6	640	680	550	688	600	750	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
8M33G770/6	768	845	700	875	770	963	T/A-A	ELEC
8M33G800/6	826	909	720	900	800	1000	T/A-A	ELEC
8M33G900/6	910	1012	800	1000	900	1125	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
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	2556	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

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

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.

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

EU Stage IIIA ENGINES | From 18 kVA - 650 kVA

Engine Model	Gross Engine Output		Typical Generator Output				Aspiration	Governor
	PRP	ESP	PRP		ESP			
	kWm		kWe	kVA	kWe	kVA		
4M08G2D3/6	21	23	14	18	16	20	NA	ECU
4M08G4D3/6	30	33	26	32	28	35	NA	ECU
4M08G6D3/6	37	44	30	38	36	45	NA	ECU
4M06G1D3/6	48	53	40	50	45	56	T/A-A	ECU
4M06G4D3/6	58	63	50	63	55	69	T/A-A	ECU
4M10G2D3/6	72	80	60	75	66	83	T/A-A	ECU
4M10G4D3/6	85	95	75	94	83	104	T/A-A	ECU
4M10G6D3/6	105	115	90	113	100	125	T/A-A	ECU
4M12G2D3/6	132	145	120	150	130	163	T/A-A	ECU
6M11G4D3/6	144	158	120	150	135	170	T/A-A	ECU
6M11G6D3/6	164	180	145	181	160	200	T/A-A	ECU
6M12G2D3/6	182	200	156	195	172	215	T/A-A	ECU
6M12G4D3/6	216	238	180	225	200	250	T/A-A	ECU
6M16G4D3/6	240	264	200	250	220	275	T/A-A	ECU
6M16G6D3/6	262	288	227	284	250	313	T/A-A	ECU
6M16G8D3/6	314	360	272	340	312	390	T/A-A	ECU
6M21G2D3/6	350	385	300	375	330	413	T/A-A	ECU
6M21G4D3/6	400	460	350	438	400	500	T/A-A	ECU
6M21G6D3/6	450	510	400	500	460	575	T/A-A	ECU
8M21G3D3/6	530	580	480	600	520	650	T/A-A	ECU

EPA T2 ENGINES | From 688 kVA - 4125 kVA

Engine Model	Gross Engine Output		Typical Generator Output				Aspiration	Governor
	PRP	ESP	PRP		ESP			
	kWm		kWe	kVA	kWe	kVA		
6M33G8D2/6^	610	670	550	688	600	750	T/A-A	ECU
6M33G10D2/6^	645	715	600	750	633	791	T/A-A	ECU
6M33G12D2/6^	670	726	600	750	644	805	T/A-A	ECU
8M33G4D2/6^	730	800	640	800	700	875	T/A-A	ECU
8M33G6D2/6^	815	946	720	900	840	1050	T/A-A	ECU
12M33G8D2/6^	1007	1120	900	1125	1000	1250	T/A-A	ECU
12M33G12D2/6^	1290	1420	1100	1375	1300	1625	T/A-A	ECU
16M33G2D2/6^	1530	1680	1400	1750	1500	1875	T/A-W	ECU
16M33G4D2/6^	1750	1893	1600	2000	1750	2188	T/A-W	ECU
20M33G2D2/6^	1800	2027	1600	2000	1800	2250	T/A-W	ECU
20M33G4D2/6^	2027	2230	1800	2250	2000	2500	T/A-W	ECU
20M33G6D2/6^	2210	2460	2000	2500	2200	2750	T/A-W	ECU
12M55G4D2/6^	2200	2500	2000	2500	2300	2875	T/A-W	ECU
12M55G5D2/6^	2450	2700	2250	2813	2500	3125	T/A-W	ECU
16M55G2D2/6^	2710	2960	2400	3000	2640	3300	T/A-W	ECU
16M55G4D2/6^	2870	3150	2560	3200	2800	3500	T/A-W	ECU
16M55G6D2/6^	2930	3350	2640	3300	3000	3750	T/A-W	ECU
16M55G8D2/6^	3300	3600	3000	3750	3300	4125	T/A-W	ECU

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

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.

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 (COP) is the maximum power that can be delivered continuously while supplying a constant electrical load. A COP-rated engine may operate for an unlimited number of hours per year. No overload capability is allowed.

PRP

Prime Power (PRP) is the maximum power that can be delivered while supplying a variable electrical load. A PRP-rated engine may operate for an unlimited number of hours per year, but the permissible average power output over 24 hours of operation shall not exceed 70% of the PRP. A 10% overload capability is permitted for 1 hour within 12 hours of operation.

ESP

Emergency Standby Power (ESP) is the maximum power that can be delivered in the event of a utility power outage while supplying a variable electrical load. An ESP-rated engine may operate for up to 200 hours per year. The permissible average power output over 24 hours of operation shall not exceed 70% of the ESP. No overload capability is allowed. The engine is not to be used for sustained utility paralleling applications.

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