



Baudouin PowerKit
SWITCHABLE RATED ENGINES

50 HZ

Switchable Rated Diesel Engine Models	Gross Engine Output			Typical Generator Output				Dimensions mm	Dry Weight kg	Cyl.	Asp.	Gov.
	PRP kWm (Gross)	ESP kWm	ESP kVA	PRP kWe	PRP kVA	ESP kWe	ESP kVA					
4M06G2D0/S	18	20	15	18	16	16	20	1055 x 574 x 756	265	4	NA	Elec
4M06G4D0/S	23	25	18	23	23	20	25	1055 x 574 x 756	265	4	NA	Elec
4M06G6D0/S	30	33	26	32	28	28	35	1130 x 597 x 802	273	4	T	Elec
4M06G8D0/S	37	41	32	40	35	35	44	1130 x 597 x 802	273	4	T	Elec
4M06G10D0/S	48	53	40	50	44	44	55	1185 x 684 x 802	274	4	T/A-A	ECU
4M11G2D0/S	60	66	52	65	57	57	72	1329x747x1008	614	4	T	Elec
4M11G4D0/S	74	81	66	82	72	72	90	1329x747x1008	614	4	T	Elec
4M11G6D0/S	90	100	80	100	88	88	110	1375x747x1038	638	4	T/A-A	Elec
6M11G2D0/S	120	132	104	130	116	116	145	1712x806x1110	710	6	T/A-A	Elec
6M11G4D0/S	138	152	120	150	132	132	165	1712x806x1110	710	6	T/A-A	Elec
6M16G2D0/S	187	204	160	200	176	176	220	1983 x 1033 x 1264	1020	6	T/A-A	Elec
6M16G4D0/S	216	238	184	230	200	200	250	1983 x 1033 x 1264	1020	6	T/A-A	Elec
6M16G6D0/S	240	264	200	250	220	220	275	1983 x 1033 x 1264	1020	6	T/A-A	Elec
6M21G2D0/S	350	385	304	380	336	336	420	2011 x 1096 x 1363	1150	6	T/A-A	Elec
12M26G2D0/S	880	968	800	1000	880	880	1100	3162 x 1748 x 2150	3356	12	T/A-A	Elec
12M33G2D0/S	1100	1210	1000	1250	1120	1120	1400	3483x2241x2243	4575	12	T/A-A	Elec

POWERKIT VS RATED ENGINES

VS Engine Models	Maximum Power kWm (HP)	Dimensions										Dry Weight kg	Cyl.	Asp.	Gov.	
		1500 RPM	1600 RPM	1700 RPM	1800 RPM	1900 RPM	2000 RPM	2100 RPM	2200 RPM	mm						
4M06V2D0	30 (40)	20	22	23	24	/	/	/	/	/	/	1055 x 573 x 758	277	4	NA	Mech
4M06V4D0	41 (55)	25	27	29	31	/	/	/	/	/	/	1130 x 609 x 801	282	4	T	Mech
4M06V6D0	47 (64)	29	31	33	35	/	/	/	/	/	/	1130 x 609 x 801	282	4	T	Mech
4M06V8D0	58 (78)	34	36	39	41	/	/	/	/	/	/	1181 x 684 x 791	285	4	T/A-A	Mech
4M11V2D0	60 (82)	43	45	46	47	47	48	48	48	48	48	1329 x 745 x 1008	615	4	T	Mech
4M11V4D0	100 (136)	73	75	78	80	81	82	83	83	83	83	1375 x 747 x 1038	640	4	T/A-A	Mech
4M11V6D0	118(160)	75	83	91	95	95	97	97	99	99	99	1497 x 825 x 1039	640	4	T/A-A	Mech
6M11V2D0	150 (204)	106	111	114	117	118	120	120	120	120	120	1717 x 811 x 1097	710	6	T/A-A	Mech
6M11V4D0	180 (245)	118	126	133	140	148	152	150	150	150	150	1717 x 811 x 1097	710	6	T/A-A	Mech
6M16V2D0	255 (346)	180	191	195	201	204	205	205	203	203	203	1983 x 1033 x 1264	1122	6	T/A-A	Mech
6M21V2D0	370 (503)	276	282	285	295	295	295	290	290	290	290	2163 x 1136 x 1359	1280	6	T/A-A	Mech

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

- Dimensions and weight without radiator.
- Designed for ESP applications. The indicated PRP Power is for reference only.
- Mechanical governor available as an option.
- Naturally aspirated.
- T Turbocharged.
- T/A-A Turbocharged & air-to-air aftercooled.
- T/A-W Turbocharged & air-to-water aftercooled.

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.

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.

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.

Société Internationale
des Moteurs Baudouin,
Technoparc du Brégadan,
13260 Cassis, France.



COP Rated Diesel Engine Models	Gross Engine Output			Typical Generator Output			Dimensions		Dry Weight	Cyl	Asp	Gov.
	COP kWm (Gross)	PRP kWm	COP kVA	PRP kVA	PRP kWm	PRP kVA	mm	kg				
6M11G2D0/5	117	138	100	125	120	150	1712 x 806 x 1110	710	6-in-line	T/A-A	Elec	
6M16G2D0/5	204	240	160	200	200	250	1983 x 1033 x 1264	1020	6-in-line	T/A-A	Elec	
6M16G4D0/5	238	275	200	250	240	300	2042 x 1100 x 1300	1070	6-in-line	T/A-A	ECU	
6M21G2D0/5	303	368	260	325	320	400	2011 x 1096 x 1363	1150	6-in-line	T/A-A	Elec	
6M26G2D0/5	370	448	320	400	400	500	2808 x 1500 x 1764	2300	6-in-line	T/A-A	Elec	
6M33G2D0/5	460	575	400	500	520	650	2798 x 1680 x 1954	2620	6-in-line	T/A-A	ECU	
12M26G2D0/5	720	889	652	815	816	1020	3162 x 1748 x 2150	3356	12-V	T/A-A	Elec	
12M33G2D0/5	882	1100	780	975	1000	1250	3483 x 2241.5 x 2243	4575	12-V	T/A-A	ECU	
16M33G2D0/5	1200	1530	1080	1350	1400	1750	3967x 2237 x 2485	6450	16-V	T/A-W	ECU	
12M55G2D0/5	1805	1985	1600	2000	1800	2250	4193 x 2241 x 2799	11500	12-V	T/A-W	ECU	

DCP RATED ENGINES

DCP Diesel Engine Models	Gross Engine Output			Typical Generator Output			Dimensions		Dry Weight	Cyl	Asp	Gov.
	DCP kWm	PRP kWm	COP kVA	PRP kVA	PRP kWm	PRP kVA	mm	kg				
8M21G660/5	530	480	480	600	600	600	2062 x 1345 x 1618	1819	8-V	T/A-A	ECU	
6M33G825/5	675	600	600	750	750	750	2798 x 1680 x 1954	2452	6-in-line	T/A-A	ECU	
12M26G900/5	725	652	652	815	815	815	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec	
12M26G1000/5	820	720	720	900	900	900	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec	
12M26G1100/5	889	816	816	1020	1020	1020	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec	
12M33G1265/5	1018	920	920	1150	1150	1150	3525 x 2241.5 x 2243	4575	12-V	T/A-A	ECU	
12M33G1410/5	1130	1024	1024	1280	1280	1280	3525 x 2241.5 x 2243	4575	12-V	T/A-A	ECU	
12M33G1650/5	1350	1200	1200	1500	1500	1500	3525 x 2241.5 x 2243	4575	12-V	T/A-A	ECU	
16M33G1900/5	1530	1400	1400	1750	1750	1750	3525 x 2241.5 x 2243	6450	16-V	T/A-W	ECU	
16M33G2000/5	1680	1500	1500	1875	1875	1875	3525 x 2241.5 x 2243	6450	16-V	T/A-W	ECU	
12M55G2550/5	1985	1800	1800	2250	2250	2250	4193 x 2241 x 2787	11500	12-V	T/A-W	ECU	
12M55G2750/5	2200	2000	2000	2500	2500	2500	4193 x 2241 x 2787	11500	12-V	T/A-W	ECU	

ESP/PRP RATED DIESEL ENGINES

ESP/PRP Diesel Engine Models	Gross Engine Output			Typical Generator Output			Dimensions		Dry Weight	Cyl	Asp	Gov.	Note
	PRP kWm	ESP kWm	PRP kVA	PRP kVA	ESP kWm	ESP kVA	mm	kg					
4M06G20/5	18	20	15	18	16	20	1085 x 560 x 766	261	4-in-line	NA	Elec		
4M06G120/5	18	20	15	18	16	20	1055 x 580 x 855	290	4-in-line	NA	Elec		
4M06G25/5	23	25	18	23	20	25	1085 x 560 x 766	261	4-in-line	NA	Elec		
4M06G125/5	23	25	18	23	20	25	1055 x 580 x 855	290	4-in-line	NA	Elec		
4M06G35/5	30	33	26	32	28	35	1104 x 597 x 802	272	4-in-line	T	Elec		
4M06G135/5	30	33	26	32	28	35	1111 x 610 x 899	300	4-in-line	T	Elec		
4M06G44/5	37	41	32	40	35	44	1104 x 597 x 802	272	4-in-line	T	Elec		
4M06G50/5	44	48	36	45	40	50	1185 x 684 x 797	286	4-in-line	T/A-A	Elec		
4M06G55/5	48	53	40	50	44	55	1185 x 684 x 802	286	4-in-line	T/A-A	ECU		
4M10G70/5	60	66	52	65	57	72	1258 x 708 x 885	453	4-in-line	T	Elec		
4M11G70/5	60	66	52	65	57	72	1329 x 747 x 1008	580	4-in-line	T	Elec ¹		
4M10G88/5	72	80	64	80	70	88	1258 x 708 x 885	453	4-in-line	T	Elec		
4M11G90/5	74	81	66	82	72	90	1329 x 747 x 1008	580	4-in-line	T	Elec ¹		
4M10G110/5	90	100	80	100	88	110	1330 x 741 x 995	495	4-in-line	T/A-A	Elec		
4M11G120/5	98	108	88	110	96	120	1375 x 745 x 1038	605	4-in-line	T/A-A	Elec		
6M16G150/5	128	140	108	135	120	150	1712 x 806 x 1110	692	6-in-line	T/A-A	Elec ¹		
6M11G165/5	138	152	120	150	132	165	1712 x 806 x 1110	692	6-in-line	T/A-A	Elec ¹		
6M16G220/5	187	204	160	200	176	220	1983 x 1033 x 1264	972	6-in-line	T/A-A	Elec ¹		
6M16G250/5	216	238	184	230	200	250	1983 x 1033 x 1264	972	6-in-line	T/A-A	Elec ¹		
6M16G275/5	240	264	200	250	220	275	1983 x 1033 x 1264	972	6-in-line	T/A-A	Elec ¹		
6M16G300/5	255	280	220	275	240	300	1983 x 1033 x 1264	972	6-in-line	T/A-A	Elec		
6M16G350/5	290	320	256	320	280	350	1982 x 1082 x 1310	1021	6-in-line	T/A-A	Elec ¹		
6M21G400/5	350	385	300	375	320	400	2011 x 1096 x 1363	1150	6-in-line	T/A-A	Elec ¹		
6M21G440/5	368	405	320	400	352	440	2011 x 1096 x 1363	1150	6-in-line	T/A-A	Elec ¹		
6M16G500/5	409	450	360	450	400	500	2027 x 1105 x 1373	1160	6-in-line	T/A-A	ECU		
6M21G550/5	450	490	400	500	440	550	2032 x 1232 x 1490	1190	6-in-line	T/A-A	ECU		
6M26G550/5	448	490	400	500	440	550	2802 x 1500 x 1764	2300	6-in-line	T/A-A	Elec		
8M21G660/5	530	580	480	600	528	660	2062 x 1345 x 1618	1819	8-V	T/A-A	ECU		
6M33G715/5	575	633	520	650	572	715	2798 x 1680 x 1954	2452	6-in-line	T/A-A	Elec		
6M33G750/5	610	670	544	680	600	750	2798 x 1680 x 1954	2452	6-in-line	T/A-A	Elec		
6M33G825/5	675	725	600	750	660	825	2798 x 1680 x 1954	2472	6-in-line	T/A-A	ECU		
12M26G900/5	725	793	652	815	720	900	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec		
12M26G1000/5	820	902	720	900	800	1000	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec		
12M26G1100/5	889	973	816	1020	898	1120	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec		
12M33G1250/5	1007	1108	920	1150	1000	1250	3525 x 2241.5 x 2243	4575	12-V	T/A-A	Elec		
12M33G1265/5	1018	1120	920	1150	1012	1265	3526 x 2241.5 x 2243	4575	12-V	T/A-A	Elec		
12M33G1400/5	1100	1210	1000	1250	1120	1400	3525 x 2241.5 x 2243	4575	12-V	T/A-A	Elec		
12M33G1410/5	1130	1240	1024	1280	1128	1410	3526 x 2241.5 x 2243	4575	12-V	T/A-A	Elec		
12M33G1500/5	1200	1320	1100	1375	1200	1500	3525 x 2241.5 x 2243	4575	12-V	T/A-A	Elec		
12M33G1650/5	1350	1450	1200	1500	1320	1650	3525 x 2241.5 x 2243	4575	12-V	T/A-A	ECU		
16M33G1900/5	1530	1680	1400	1750	1520	1900	3967 x 2237 x 2485	6450	16-V	T/A-W	ECU		
16M33G2000/5	1680	1800	1500	1875	1650	2050	3967 x 2237 x 2485	6450	16-V	T/A-W	ECU		
16M33G2250/5	1800	1980	1650	2050	1800	2250	4116 x 2756 x 2870	6825	16-V	T/A-W	ECU	^	
20M33G2250/5	1850	2020	1600	2000	1800	2250	4611 x 2756 x 2870	8275	20-V	T/A-W	ECU	^	
20M33G2500/5	2000	2210	1800	2250	2000	2500	4611 x 2756 x 2870	8275	20-V	T/A-W	ECU	^	
12M55G2300/5	1850	2020	1680	2100	1840	2300	4193 x 2241 x 2787	11500	12-V	T/A-W	ECU		
12M55G2550/5	1985	2210	1824	2280	2040	2550	4193 x 2241 x 2787	11500	12-V	T/A-W	ECU		
12M55G2750/5	2200	2450	2000	2500	2200	2750	4193 x 2241 x 2787	11500	12-V	T/A-W	ECU	^	

NATURAL GAS RATED ENGINES

GAS Engine Models	Gross Engine Output			Typical Generator Output			Dimensions		Dry Weight	Cyl	Asp	Gov.
	COP kWm (Gross)	PRP kWm	COP kVA	PRP kVA	PRP kWm	PRP kVA	mm	kg				
4M11G4N0/5	60	70	50	63	60	75	1375x745x1038	604	4-in-line	T/A-A	ECU	
6M11G4N0/5	102	120	85	106	100	125	1712x808x1110	709	6-in-line	T/A-A	ECU	
6M16G4N0/5	155	182	130	163	150	188	1983x1033x1264	977	6-in-line	T/A-A	ECU	
6M21G4N0/5	245	288	204	255	240	300	2034x105x1385	1000	6-in-line	T/A-A	ECU	
6M33G4N0/5	380	450	320	400	380	475	2797x1680x1954	2610	6-in-line	T/A-A	ECU	
12M33G4N0/5	587	690	522	653	614	768	2164x1497x1710	3390*	12-V	T/A-W	ECU	
12M33G10N0/5	765	900	680	850	800	1000	2164x1497x1710*	3390*	12-V	T/A-W	ECU	
16M33G6N0/5	1280	/	1100	1375	/	/	2781x1664x1881*	5300*	16-V	T/A-W	ECU	
12M55G6N0/5	1588	/	1400	1750	/	/	3254x1794x2799	9600	12-V	T/A-W	ECU	