



**PowerKit**  
RATING CARD

60 Hz

June 2021

Baudouin PowerKit  
**SWITCHABLE RATED ENGINES**

60 HZ

Switchable Rated Diesel Engine Models	Gross Engine Output			Typical Generator Output					Dimensions mm	Dry Weight kg	Cyl.	Asp.	Gov.
	PRP kWm (Gross)	ESP kWe	PRP kVA	PRP kVA	ESP kWe	ESP kVA	ESP kVA						
4M06G2D0/S	23	25	18	23	20	25	1055 x 574 x 756	265	4-inline	NA	Elec		
4M06G4D0/S	27	30	23	29	25	32	1055 x 574 x 756	265	4-inline	NA	Elec		
4M06G6D0/S	37	41	30	38	33	42	1130 x 597 x 802	273	4-inline	T	Elec		
4M06G8D0/S	43	47	37	47	41	51	1130 x 597 x 802	273	4-inline	T	Elec		
4M06G10D0/S	58	63	50	63	55	69	1185 x 684 x 802	274	4-inline	T/A-A	ECU		
4M11G2D0/S	72	80	60	75	68	85	1329 x 747 x 1008	614	4-inline	T	Elec		
4M11G4D0/S	85	93	75	94	83	103	1329 x 747 x 1008	614	4-inline	T	Elec		
4M11G6D0/S	108	118	96	120	106	132	1375 x 747 x 1038	638	4-inline	T/A-A	Elec		
6M11G2D0/S	138	152	120	150	132	165	1712 x 806 x 1110	710	6-inline	T/A-A	Elec		
6M11G4D0/S	163	180	144	180	160	200	1712 x 806 x 1110	710	6-inline	T/A-A	Elec		
6M16G2D0/S	216	238	180	225	200	250	1983 x 1033 x 1264	1020	6-inline	T/A-A	Elec		
6M16G4D0/S	240	264	200	250	224	280	1983 x 1033 x 1264	1020	6-inline	T/A-A	Elec		
6M16G6D0/S	262	288	227	284	250	313	1983 x 1033 x 1264	1020	6-inline	T/A-A	Elec		
6M21G2D0/S	366	402	312	390	344	430	2011 x 1096 x 1363	1150	6-inline	T/A-A	Elec		
12M26G2D0/S	880	968	800	1000	880	1100	3162 x 1748 x 2150	4575	12-V	T/A-A	Elec		
12M33G2D0/S	1150	1265	1000	1250	1100	1375	3483 x 2241.5 x 2243	4375	12-V	T/A-A	Elec		

**POWERKIT VS RATED ENGINES**

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

**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.

T Turbocharged.

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

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

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COP Rated Diesel Engine Models	Gross Engine Output			Typical Generator Output			Dimensions		Dry Weight	Cyl	Asp	Gov.
	COP kWm (Gross)	PRP kWe	COP kVA	PRP kVA	PRP kWe	PRP kVA	mm	kg				
6M11G2D0/6	132	144	112	140	120	150	1712 x 806 x 1110	710	6-inline	T/A-A	Elec	
6M16G2D0/6	204	262	169,6	212	224,8	281	1983 x 1033 x 1264	1020	6-inline	T/A-A	Elec	
6M16G4D0/6	276	314	240	300	272	340	2042 x 1100 x 1300	1070	6-inline	T/A-A	ECU	
6M21G2D0/6	350	407	300	375	350,4	438	2011 x 1096 x 1363	1150	6-inline	T/A-A	Elec	
6M26G2D0/6	409	506	360	450	450,4	563	2808 x 1500 x 1764	2300	6-inline	T/A-A	Elec	
6M33G2D0/6	515	610	460	575	550,4	688	2798 x 1680 x 1954	2620	6-inline	T/A-A	ECU	
12M26G2D0/6	820	920	720	900	800	1000	3162 x 1748 x 2150	3356	12-V	T/A-A	Elec	
12M33G2D0/6	1000	1235	900	1125	1100	1375	3483 x 2241,5 x 2243	4575	12-V	T/A-A	ECU	
16M33G2D0/6	1380	1625	1249,6	1562	1480	1850	3967x 2237 x 2485	6470	16-V	T/A-W	ECU	
12M55G2D0/6	2015	2200	1800	2250	2000	2500	4193 x 2241 x 2859	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 kWe	COP kVA	PRP kVA	PRP kWe	PRP kVA	mm	kg				
8M21G520/6	530	472	472	590	2062 x 1345 x 1618	1819	8-V	T/A-A	ECU			
6M33G6660/6	670	600	600	750	2798 x 1680 x 1954	2452	6-inline	T/A-A	ECU			
12M26G704/6	720	640	640	800	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec			
12M26G8800/6	820	720	720	900	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec			
12M26G900/6	920	800	800	1000	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec			
12M33G1105/6	1100	1005	1005	1255	3525 x 2241,5 x 2243	4575	12-V	T/A-A	ECU			
12M33G1240/6	1235	1100	1100	1375	3525 x 2241,5 x 2243	4575	12-V	T/A-A	ECU			
16M33G1500/6	1530	1400	1400	1750	3525 x 2241,5 x 2243	6450	16-V	T/A-W	ECU			
12M55G2500/6	2450	2250	2250	2813	4193 x 2241 x 2787	11500	12-V	T/A-W	ECU			
16M33G2000/5	1680	1500	1500	1875	3525 x 2241,5 x 2243	6450	16-V	T/A-W	ECU			
12M55G2550/5	1985	1800	1800	2250	4193 x 2241 x 2787	11500	12-V	T/A-W	ECU			
12M55G2750/5 <sup>^</sup>	2200	2000	2000	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 kWe	PRP kVA	PRP kVA	ESP kVA	ESP kVA	mm	kg					
4M06G20/6	23	25	18	23	20	25	1085 x 560 x 766	261	4-inline	NA	Elec		
4M06G25/6	27	30	23	29	25	32	1085 x 560 x 766	261	4-inline	NA	Elec		
4M06G33/6	37	41	30	38	33	42	1104 x 597 x 802	272	4-inline	T	Elec		
4M06G41/6	43	47	37	47	41	51	1104 x 597 x 802	272	4-inline	T	Elec		
4M06G50/6	53	58	45	56	50	63	1185 x 684 x 797	286	4-inline	T/A-A	Elec		
4M06G55/6	58	63	50	63	55	69	1185 x 684 x 802	286	4-inline	T/A-A	ECU		
4M10G889/6	85	95	75	94	83	103	1258 x 708 x 885	453	4-inline	T	Elec		
4M11G83/6	85	93	75	94	83	103	1329 x 747 x 1008	580	4-inline	T	Elec		
4M10G100/6	105	115	90	112	100	125	1330 x 741 x 995	495	4-inline	T/A-A	Elec		
4M11G106/6	108	118	96	120	106	132	1375 x 745 x 1038	605	4-inline	T/A-A	Elec		
6M11G110/6	120	132	100	125	110	138	1712 x 806 x 1110	692	6-inline	T/A-A	Elec		
6M11G135/6	144	158	120	150	135	170	1712 x 806 x 1110	692	6-inline	T/A-A	Elec		
6M11G160/6	164	180	145	181	160	200	1712 x 806 x 1110	692	6-inline	T/A-A	Elec		
6M11G176/6	182	200	160	200	176	220	1712 x 806 x 1110	692	6-inline	T/A-A	Elec		
6M16G200/6	216	238	180	225	200	250	1983 x 1033 x 1264	972	6-inline	T/A-A	Elec		
6M16G220/6	240	264	200	250	220	275	1983 x 1033 x 1264	972	6-inline	T/A-A	Elec		
6M16G250/6	262	288	227	284	250	313	1983 x 1033 x 1264	972	6-inline	T/A-A	Elec		
6M16G308/6	327	360	280	350	308	385	1982 x 1082 x 1310	1021	6-inline	T/A-A	Elec		
6M21G330/6	350	385	300	375	330	413	2011 x 1096 x 1363	1150	6-inline	T/A-A	Elec		
6M21G390/6	407	448	350	438	390	488	2011 x 1096 x 1363	1150	6-inline	T/A-A	Elec		
6M21G400/6	418	460	360	455	400	500	2027 x 1105 x 1373	1160	6-inline	T/A-A	ECU		
6M21G460/6	460	510	400	500	460	575	2032 x 1232 x 1490	1190	6-inline	T/A-A	ECU		
6M26G450/6	460	506	400	500	450	563	2802 x 1500 x 1764	2300	6-inline	T/A-A	Elec		
6M26G500/6	506	556	450	563	500	625	2802 x 1500 x 1764	2300	6-inline	T/A-A	Elec		
8M21G520/6	530	580	472	590	520	650	2062 x 1345 x 1618	1819	8-V	T/A-A	ECU		
6M33G575/6	575	633	520	650	575	719	2798 x 1680 x 1954	2452	6-inline	T/A-A	Elec		
6M33G600/6	610	670	550	688	600	750	2798 x 1680 x 1954	2452	6-inline	T/A-A	Elec		
6M33G633/6	645	710	575	719	633	791	2798 x 1680 x 1954	2452	6-inline	T/A-A	Elec		
6M33G660/6	670	740	600	750	660	825	2798 x 1680 x 1954	2472	6-inline	T/A-A	ECU		
12M26G660/6	680	748	600	750	660	825	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec		
12M26G704/6	720	792	640	800	704	880	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec		
12M26G800/6	820	902	720	900	800	1000	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec		
12M26G900/6	920	1012	800	1000	900	1125	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec		
12M26G1000/6	1014	1115	910	1138	1000	1250	3162 x 1748 x 2150	3585	12-V	T/A-A	Elec		
12M33G1000/6	1007	1108	900	1125	1000	1250	3525 x 2241,5 x 2243	4585	12-V	T/A-A	Elec		
12M33G1100/6	1150	1265	1000	1250	1100	1375	3525 x 2241,5 x 2243	4585	12-V	T/A-A	Elec		
12M33G1200/6	1200	1320	1092	1365	1200	1500	3525 x 2241,5 x 2243	4585	12-V	T/A-A	Elec		
12M33G1300/6	1290	1420	1176	1470	1300	1625	3525 x 2241,5 x 2243	4585	12-V	T/A-A	Elec		
16M33G1400/6	1440	1580	1275	1594	1400	1750	3967 x 2237 x 2485	6470	16-V	T/A-W	ECU		
16M33G1500/6	1530	1680	1365	1706	1500	1875	3967 x 2237 x 2485	6470	16-V	T/A-W	ECU		
16M33G1650/6	1625	1785	1500	1875	1650	2063	3967 x 2237 x 2485	6470	16-V	T/A-W	ECU		
16M33G1750/6	1750	1920	1590	1988	1750	2188	3967 x 2237 x 2485	6470	16-V	T/A-W	ECU		
20M33G2000/6	2027	2230	1800	2250	2000	2500	4611 x 2756 x 2870	8295	20-V	T/A-W	ECU		
20M33G2200/6	2240	2460	2000	2500	2200	2750	4611 x 2756 x 2870	8295	20-V	T/A-W	ECU		
12M55G2000/6	2050	2230	1852	2315	2000	2500	4193 x 2241 x 2787	11500	12-V	T/A-W	ECU		
12M55G2250/6	2200	2460	2045	2557	2250	2813	4193 x 2241 x 2787	11500	12-V	T/A-W	ECU		
12M55G2500/6	2450	2725	2250	2813	2500	3125	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 kWe	COP kVA	PRP kVA	PRP kWe	PRP kVA	mm	kg				
4M11G4N0/6	60	70	50	63	60	75	1375x745x1038	604	4-inline	T/A-A	ECU	
6M11G4N0/6	102	120	85	106	100	125	1712x808x1110	709	6-inline	T/A-A	ECU	
6M16G4N0/6	184	216	150	188	180	225	1983x1033x1264	977	6-inline	T/A-A	ECU	
6M21G4N0/6	245	288	190	238	240	300	2034x1053x1385	1000	6-inline	T/A-A	ECU	
6M33G6N0/6	408	480	350	438	400	500	2797x1680x1954	2610	6-inline	T/A-A	ECU	
12M33G4N0/6	553	650	486	608	572	715	2164x1497x1710	3390*	12-V	T/A-W	ECU	
12M33G14N0/6	816	960	720	900	850	1063	2164x1497x1710*	3390*	12-V	T/A-W	ECU	
16M33G6N0/6	1280	/	1120	1400	/	/	2781x1664x1881*	5300*	16-V	T/A-W	ECU	