



PowerKit
RATING CARD

60 Hz

Baudouin PowerKit
NATURAL GAS ENGINES

60 Hz

GAS Engine Models	Gross Engine Output		Typical Generator Output				Dimensions	Dry Weight	Cyl.	Asp.	Gov.	Note
	COP kWm (Gross)	PRP	COP		PRP		mm	kg				
4M11G4N0/6	60	70	50	63	60	75	1375×745×1038	604	4-L	T/A-A	ECU	A
6M11G4N0/6	102	120	85	106	100	125	1712×808×1110	709	6-L	T/A-A	ECU	A
6M16G4N0/6	184	216	150	188	180	225	1983×1033×1264	977	6-L	T/A-A	ECU	A
6M21G4N0/6	245	288	190	238	240	300	2034×1105×1385	1000	6-L	T/A-A	ECU	A
6M33G6N0/6	408	480	350	438	400	500	2797×1680×1954	2610	6-L	T/A-A	ECU	A
12M33G14N0/6	816	960	720	900	850	1063	2164×1497×1710*	3390*	12-V	T/A-W	ECU	A
16M33G6N0/6*	1280	/	1120	1400	/	/	2781×1564×1881	5300*	16-V	T/A-W	ECU	A

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.

T Turbocharged.

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

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

CN 3 China non-road Stage 3

EPA T2 USA EPA Tier II

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.

COP RATED DIESEL ENGINES

COP Rated Diesel Engine Models	Gross Engine Output		Typical Generator Output				Dimensions	Dry Weight	Cyl.	Asp.	Gov.	Note
	COP kWm (Gross)	PRP	COP		PRP		mm	kg				
6M11G2D0/6	132	144	112	140	120	150	1712×806×1110	710	6-L	T/A-A	Elec	A
6M16G2D0/6	204	262	170	212	225	281	1983×1033×1264	1020	6-L	T/A-A	Elec	A
6M16G4D0/6	276	314	240	300	272	340	2042×1100×1300	1070	6-L	T/A-A	ECU	A
6M21G2D0/6	350	407	300	375	350	438	2011×1096×1363	1150	6-L	T/A-A	Elec	A
6M26G2D0/6	409	506	360	450	450	563	2808×1500×1764	2300	6-L	T/A-A	Elec	A
6M33G2D0/6	515	610	460	575	550	688	2798×1680×1954	2620	6-L	T/A-A	ECU	A
12M26G2D0/6	820	920	720	900	800	1000	3162×1748×2150	3660	12-V	T/A-A	Elec	A
12M33G2D0/6	1000	1235	900	1125	1100	1375	3482×2192×2235	4405	12-V	T/A-A	ECU	A
16M33G2D0/6	1380	1625	1250	1562	1480	1850	3967×2237×2485	6470	16-V	T/A-W	ECU	A
12M55G2D0/6	2015	2200	1800	2250	2000	2500	4388×2796×2715	11050	12-V	T/A-W	ECU	A

PRP/DCP/ESP RATED DIESEL ENGINES

PRP/DCP/ESP Rated Diesel Engine Models	Gross Engine Output			Typical Generator Output						Dimensions	Dry Weight	Cyl.	Asp.	Gov.	Note
	PRP	DCP	ESP	PRP		DCP		ESP		mm	kg				
4M06G20/6	23	/	25	18	23	/	/	20	25	1055×574×756	277	4-L	NA	Elec	
4M06G25/6	27	/	30	23	29	/	/	25	32	1055×574×756	277	4-L	NA	Elec	
4M06G33/6	37	/	41	30	38	/	/	33	42	1104×597×802	280	4-L	T	Elec	
4M06G41/6	43	/	47	37	47	/	/	41	51	1104×597×802	280	4-L	T	Elec	
4M06G50/6	53	/	58	45	56	/	/	50	63	1175×681×787	285	4-L	T/A-A	Elec	
4M06G55/6	58	/	63	50	63	/	/	55	69	1185×687×802	285	4-L	T/A-A	ECU	
4M11G83/6	85	/	93	75	94	/	/	83	103	1389×800×1019	612	4-L	T	Elec'	
4M11G106/6	108	/	118	96	120	/	/	106	132	1389×800×1038	660	4-L	T/A-A	Elec	
6M11G110/6	120	/	132	100	125	/	/	110	138	1726×856×1146	710	6-L	T/A-A	Elec'	
6M11G135/6	144	/	158	120	150	/	/	135	170	1726×856×1146	710	6-L	T/A-A	Elec'	
6M11G160/6	164	/	180	145	181	/	/	160	200	1726×856×1146	710	6-L	T/A-A	Elec	
6M11G176/6^	182	/	200	160	200	/	/	176	220	1726×856×1146	710	6-L	T/A-A	Elec'	
6M16G200/6	216	/	238	180	225	/	/	200	250	2075×1041×1249	1050	6-L	T/A-A	Elec'	
6M16G220/6	240	/	264	200	250	/	/	220	275	2075×1041×1249	1050	6-L	T/A-A	Elec'	
6M16G250/6	262	/	288	227	284	/	/	250	313	2075×1041×1249	1050	6-L	T/A-A	Elec'	
6M16G308/6^	327	/	360	280	350	/	/	308	385	2042×1100×1300	1070	6-L	T/A-A	Elec'	
6M21G330/6	350	350	385	300	375	300	375	330	413	2163×1136×1359	1190	6-L	T/A-A	Elec'	
6M21G390/6	407	407	448	350	438	350	438	390	488	2163×1136×1359	1190	6-L	T/A-A	Elec'	
6M21G400/6^	418	/	460	360	455	/	/	400	500	2163×1136×1359	1260	6-L	T/A-A	ECU	
6M26G450/6	460	460	506	400	500	400	500	450	563	2808×1500×1764	2300	6-L	T/A-A	Elec	
6M26G500/6	506	506	556	450	563	450	563	500	625	2808×1500×1764	2300	6-L	T/A-A	Elec	
8M21G450/6	460	460	510	400	500	400	500	450	563	1649×1155×1503*	1450	8-V	T/A-A	ECU	A
8M21G520/6	530	530	580	472	590	472	590	520	650	1649×1155×1503*	1450	8-V	T/A-A	ECU	A
6M33G575/6	575	575	633	520	650	520	650	575	719	2798×1680×1954	2620	6-L	T/A-A	Elec	
6M33G600/6	610	610	670	550	688	550	688	600	750	2798×1680×1954	2620	6-L	T/A-A	Elec	
6M33G633/6^	645	/	710	575	719	/	/	633	791	2798×1680×1954	2620	6-L	T/A-A	Elec	
6M33G660/6^	670	/	740	600	750	/	/	660	825	2798×1680×1954	2620	6-L	T/A-A	ECU	
12M26G660/6	680	680	748	600	750	600	750	660	825	3162×1748×2150	3660	12-V	T/A-A	Elec	
12M26G704/6	720	720	792	640	800	640	800	704	880	3162×1748×2150	3660	12-V	T/A-A	Elec	
12M26G800/6	820	820	902	720	900	720	900	800	1000	3162×1748×2150	3660	12-V	T/A-A	Elec	
12M26G900/6	920	920	1012	800	1000	800	1000	900	1125	3162×1748×2150	3660	12-V	T/A-A	Elec	
12M26G1000/6^	1014	/	1115	910	1138	/	/	1000	1250	3162×1748×2150	3660	12-V	T/A-A	Elec	
12M33G1000/6	1007	1007	1108	900	1125	900	1125	1000	1250	3482×2192×2235	4405	12-V	T/A-A	Elec	
12M33G1100/6	1150	1150	1265	1000	1250	1000	1250	1100	1375	3482×2192×2235	4405	12-V	T/A-A	Elec	
12M33G1200/6^	1200	/	1320	1092	1365	/	/	1200	1500	3482×2192×2235	4405	12-V	T/A-A	Elec	
12M33G1300/6^	1290	/	1420	1176	1470	/	/	1300	1625	3482×2192×2235	4405	12-V	T/A-A	Elec	
16M33G1400/6	1440	1440	1580	1275	1594	1275	1594	1400	1750	3967×2237×2485	6470	16-V	T/A-W	ECU	
16M33G1500/6	1530	1530	1680	1365	1706	1365	1706	1500	1875	3967×2237×2485	6470	16-V	T/A-W	ECU	
16M33G1650/6	1625	1625	1785	1500	1875	1500	1875	1650	2063	3967×2237×2485	6470	16-V	T/A-W	ECU	
16M33G1750/6^	1750	/	1920	1590	1988	/	/	1750	2188	3967×2237×2485	6470	16-V	T/A-W	ECU	
12M55G2000/6	2050	2050	2230	1852	2315	1852	2315	2000	2500	4388×2796×2715	11050	12-V	T/A-W	ECU	
12M55G2250/6	2200	2200	2460	2045	2557	2045	2557	2250	2813	4388×2796×2715	11050	12-V	T/A-W	ECU	
12M55G2500/6^	2450	/	2725	2250	2813	/	/	2500	3125	4388×2796×2715	11050	12-V	T/A-W	ECU	

50/60 HZ SWITCHABLE DIESEL ENGINES

SWITCHABLE Diesel Engine Models	Gross Engine Output		Typical Generator Output				Dimensions	Dry Weight	Cyl.	Asp.	Gov.	Note
	PRP	ESP	PRP		ESP		mm	kg				
4M06G2D0/S	23	25	18	23	20	25	1055×574×756	277	4-L	NA	Elec	A
4M06G4D0/S	27	30	23	29	25	32	1055×574×756	277	4-L	NA	Elec	A
4M06G6D0/S	37	41	30	38	33	42	1104×597×802	280	4-L	T	Elec	A
4M06G8D0/S	43	47	37	47	41	51	1104×597×802	280	4-L	T	Elec	A
4M06G10D0/S	58	63	50	63	55	69	1185×687×802	285	4-L	T/A-A	ECU	A
4M11G2D0/S	72	80	60	75	68	85	1329×747×1008	612	4-L	T	Elec	A
4M11G4D0/S	85	93	75	94	83	103	1329×747×1008	612	4-L	T	Elec	A
4M11G6D0/S	108	118	96	120	106	132	1375×747×1038	660	4-L	T/A-A	Elec	A
6M11G2D0/S	138	152	120	150	132	165	1712×806×1110	710	6-L	T/A-A	Elec	A
6M11G4D0/S	163	180	144	180	160	200	1712×806×1110	710	6-L	T/A-A	Elec	A
6M16G2D0/S	216	238	180	225	200	250	1983×1033×1264	1020	6-L	T/A-A	Elec	A
6M16G4D0/S	240	264	200	250	224	280	1983×1033×1264	1020	6-L	T/A-A	Elec	A
6M16G6D0/S	262	288	227	284	250	313	1983×1033×1264	1020	6-L	T/A-A	Elec	A
6M21G2D0/S	366	402	312	390	344	430	2011×1096×1363	1150	6-L	T/A-A	Elec	A
12M26G2D0/S	880	968	800	1000	880	1100	3162×1748×2150	3660	12-V	T/A-A	Elec	A
12M33G2D0/S	1150	1265	1000	1250	1100	1375	3482×2192×2235	4405	12-V	T/A-A	Elec	A