

Table 1: Output List for MGS-B/II Diesel Generator set's (50Hz, Standby Rating, March 2009)

SET MODEL	ENG MODEL	CODE	GENERATOR MODEL	Generator Rated Voltage & Output Rating										
				Series Star connection				Parallel Star Connection						
				440	415	400	380	220	208	200	190			
MGS2500B	S16R-PTAA2	5S KT83	MG-KT83											
			kVA	2290	2290	2290	2290	***	***	***	***			
			kW	1832	1832	1832	1832							
			A	3004.8	3185.9	3305.3	3479.3							
MGS2000B	S16R-PTA2-S	5S KT83	MG-KT83											
			kVA	2235	2235	2235	2235	***	***	***	***			
			kW	1788	1788	1788	1788							
			A	2932.7	3109.3	3225.9	3395.7							
MGS1500B	S16R-PTA-S	5S 7PF	MG-7PF											
			kVA	2000	2000	2000	2000	***	***	***	***			
			kW	1600	1600	1600	1600							
			A	2624.3	2782.4	2886.8	3038.7							
MGS1500B **** Revised-2	S16R-PTA-S	5S 7PD	MG-7PD											
			kVA	1675	1675	1675	1675	***	***	***	***			
			kW	1340	1340	1340	1340							
			A	2197.9	2330.3	2417.7	2544.9							
MGS1400B	S12R-PTA2-S	5S 7PD	MG-7PD											
			kVA	1600	1600	1600	1600	***	***	***	***			
			kW	1280	1280	1280	1280							
			A	2099.5	2225.9	2309.4	2430.9							
MGS1200B	S12R-PTA-S	5S 7PD	MG-7PD											
			kVA	1500	1500	1500	1500	***	***	***	***			
			kW	1200	1200	1200	1200							
			A	1968.2	2086.8	2165.1	2279.0							
MGS1000B Revised-2	S12H-PTA-S	5S 7PC	MG-7PC											
			kVA	1250	1250	1250	1250	***	***	***	***			
			kW	1000	1000	1000	1000							
			A	1640.2	1739.0	1804.2	1899.2							
MGS1000B Revised-1A	S12H-PTA-S	5S H6J	MG-HC6J *											
			kVA	1050	1050	1050	1050	1050	1050	1050	1050			
			kW	840	840	840	840	840	840	840	840			
			A	1377.8	1460.8	1515.5	1595.3	2755.5	2914.5	3031.1	3190.6			
MGS0900B	S12A2-PTA2-S	5S H6J	MG-HC6J											
			kVA	1000	1000	1000	1000	1000	1000	1000	1000			
			kW	800	800	800	800	800	800	800	800			
			A	1312.2	1391.2	1443.4	1519.3	2624.3	2775.7	2886.8	3038.7			
MGS0700B	S6R2-PTAA-S	5S H6H	MG-HC6H											
			kVA	880	880	880	880	880	880	880	880			
			kW	704	704	704	704	704	704	704	704			
			A	1154.7	1224.3	1270.2	1337.0	2309.4	2442.6	2540.3	2674.0			
MGS0650B	S6R2-PTA-S	5S H6G	MG-HC6G											
			kVA	780	780	780	780	780	780	780	780			
			kW	624	624	624	624	624	624	624	624			
			A	1023.5	1085.1	1125.8	1185.1	2047.0	2165.1	2251.7	2370.2			
MGS0500B	S6R-PTA-S	5S H5F	MG-HC5F											
			kVA	690	690	690	690	690	690	690	690			
			kW	552	552	552	552	552	552	552	552			
			A	905.4	959.9	995.9	1048.3	1810.8	1915.2	1991.9	2096.7			
MGS0500B	S6A3-PTAA-S	5S H5E	MG-HC5E											
			kVA	580	580	580	580	580	580	580	580			
			kW	464	464	464	464	464	464	464	464			
			A	761.1	806.9	837.2	881.2	1522.1	1609.9	1674.3	1762.4			
MGS0450B	S6A3-PTA-S	5S H5D	MG-HC5D											
			kVA	515	515	515	515	515	515	515	515			
			kW	412	412	412	412	412	412	412	412			
			A	675.8	716.5	743.3	782.5	1351.5	1429.5	1486.7	1564.9			

Notes:

- 1 Generator is 3 Phase 4 wire, Class H Insulation and 150deg. C Temperature rise at 40deg. Ambient conditions.
- 2 Standard set are based on Single Star connection for 400V class and Paralle Star connection for 200V class, except P model
- 3 Rating conditions are based on 40deg. C ambient Temperature and Altitude is 1000meters ASL.
- 4 Rated Power factor is Lagging 80%(0.8)
- 5 *** Marks output shall be contact to MHI's Design section. (This is Option Voltage)
- 6 Added MG-HC6J Model for MGS-1000B (Revision-1 & * marked)
- 7 Deleted MG-7PC(OPTION) Model for MGS1000B of Parallel Star Connection(AC220V-180V) (Revision 2 & ** marked)
- 8 Added MG-7PD Model for MGS1500B (Revision 2 & **** marked)

Table 2: Output List for MGS-B/II Diesel Generator set's (50Hz, Prime Rating March 2009)

SET MODEL	ENG MODEL	CODE	GENERATOR MODEL	Generator Rated Voltage & Output Rating							
				Series Star connection				Parallel Star Connection			
				440	415	400	380	220	208	200	190
MGS2500B	S16R-PTAA2	5P KT83	GENERATOR MODEL	MG-KT83							
			kVA	2035	2035	2035	2035	***	***	***	***
			kW	1628	1628	1628	1628				
			A	2670.2	2831.1	2937.3	3091.9				
MGS2000B	S16R-PTA2-S	5P KT83	GENERATOR MODEL	MG-KT83							
			kVA	2030	2030	2030	2030	***	***	***	***
			kW	1624	1624	1624	1624				
			A	2663.7	2824.1	2930.1	3084.3				
MGS1500B	S16R-PTA-S	5P 7PF	GENERATOR MODEL	MG-7PF							
			kVA	1800	1800	1800	1800	***	***	***	***
			kW	1440	1440	1440	1440				
			A	2361.9	2504.2	2598.1	2734.8				
MGS1500B **** Revised-2	S16R-PTA-S	5P 7PD	GENERATOR MODEL	MG-7PD							
			kVA	1600	1600	1600	1600				
			kW	1280	1280	1280	1280				
			A	2099.5	2225.9	2309.4	2430.9				
MGS1400B	S12R-PTA2-S	5P 7PD	GENERATOR MODEL	MG-7PD							
			kVA	1450	1450	1450	1450	***	***	***	***
			kW	1160	1160	1160	1160				
			A	1902.6	2017.2	2092.9	2203.0				
MGS1200B	S12R-PTA-S	5P 7PD	GENERATOR MODEL	MG-7PD							
			kVA	1362.5	1362.5	1362.5	1362.5	***	***	***	***
			kW	1090	1090	1090	1090				
			A	1787.8	1895.5	1966.6	2070.1				
MGS1000B Revised-2	S12H-PTA-S	5P 7PC	GENERATOR MODEL	MG-7PC							
			kVA	1125	1125	1125	1125	**	**	**	**
			kW	900	900	900	900				
			A	1476.2	1565.1	1623.8	1709.3				
MGS1000B Revised-1	S12H-PTA-S	5P H6J	GENERATOR MODEL	MG-HC6J *				MG-HC6J *			
			kVA	1000	1000	1000	1000	1000	1000	1000	1000
			kW	800	800	800	800	800	800	800	800
			A	1312.2	1391.2	1443.4	1519.3	2624.3	2775.7	2886.8	3038.7
MGS0900B	S12A2-PTA2-S	5P H6J	GENERATOR MODEL	MG-HC6J				MG-HC6J			
			kVA	885	885	885	885	885	885	885	885
			kW	708	708	708	708	708	708	708	708
			A	1161.3	1231.2	1277.4	1344.6	2322.5	2456.5	2554.8	2689.2
MGS0700B	S6R2-PTAA-S	5P H6H	GENERATOR MODEL	MG-HC6H				MG-HC6H			
			kVA	800	800	800	800	800	800	800	800
			kW	640	640	640	640	640	640	640	640
			A	1049.7	1113.0	1154.7	1215.5	2099.5	2220.6	2309.4	2430.9
MGS0650B	S6R2-PTA-S	5P H6G	GENERATOR MODEL	MG-HC6G				MG-HC6G			
			kVA	700	700	700	700	700	700	700	700
			kW	560	560	560	560	560	560	560	560
			A	918.5	973.8	1010.4	1063.5	1837.0	1943.0	2020.7	2127.1
MGS0500B	S6R-PTA-S	5P H5F	GENERATOR MODEL	MG-HC5F				MG-HC5F			
			kVA	625	625	625	625	625	625	625	625
			kW	500	500	500	500	500	500	500	500
			A	820.1	869.5	902.1	949.6	1640.2	1734.8	1804.2	1899.2
MGS0500B	S6A3-PTAA-S	5P H5E	GENERATOR MODEL	MG-HC5E				MG-HC5E			
			kVA	530	530	530	530	530	530	530	530
			kW	424	424	424	424	424	424	424	424
			A	695.4	737.3	765.0	805.3	1390.9	1471.1	1530.0	1610.5
MGS0450B	S6A3-PTA-S	5P H5D	GENERATOR MODEL	MG-HC5D				MG-HC5D			
			kVA	480	480	480	480	480	480	480	480
			kW	384	384	384	384	384	384	384	384
			A	629.8	667.8	692.8	729.3	1259.7	1332.3	1385.6	1458.6

- Notes:**
- Generator is 3 Phase 4 wire, Class H Insulation and 125deg. C Temperature rise at 40deg. Ambient conditions.
 - Standard set are based on Single Star connection for 400V class and Paralle Star connection for 200V class, except P model
 - Rating conditions are based on 40deg. C ambient Temperature and Altitude is 1000meters ASL.
 - Rated Power factor is Lagging 80%(0.8)
 - *** Marks output shall be contact to MHI's Design section. (This is Option Voltage)
 - Added MG-HC6J Model for MGS-1000B (Revision-1 & * marked)
 - Deleted MG-7PC(OPTION) Model for MGS1000B of Parallel Star Connection(AC220V-180V) (Revision-2 & ** marked)
 - Added MG-7PD Model for MGS1500B (Revision 2 & **** marked)

Table 10: Output List for MGS-C/II Diesel Generator set's (50Hz, PRP, ISO 8528, March 2009)

SET MODEL	ENG MODEL	CODE		Generator Rated Voltage & Output Rating							
				Series Star connection				Parallel Star Connection			
				440	415	400	380	220	208	200	190
MGS2500C	S16R-PTAA2	5CP KT83	GENERATOR MODEL	MG-KT83							
			kVA	2000	2000	2000	2000	***	***	***	***
			kW	1600	1600	1600	1600				
			A	2624.3	2782.4	2886.8	3038.7				
MGS2000C	S16R-PTA2-S	5CP KT83	GENERATOR MODEL	MG-KT83							
			kVA	1930	1935	1935	1935	***	***	***	***
			kW	1544	1548	1548	1548				
			A	2532.5	2692.0	2792.9	2939.9				
MGS1500C	S16R-PTA-S	5CP 7PF	GENERATOR MODEL	MG-7PF							
			kVA	1735	1735	1735	1735	***	***	***	***
			kW	1388	1388	1388	1388				
			A	2276.6	2413.7	2504.3	2636.1				
MGS1400C	S12R-PTA2-S	5CP 7PD	GENERATOR MODEL	MG-7PD							
			kVA	1390	1390	1390	1390	***	***	***	***
			kW	1112	1112	1112	1112				
			A	1823.9	1933.8	2006.3	2111.9				
MGS1200C	S12R-PTA-S	5CP 7PD	GENERATOR MODEL	MG-7PD							
			kVA	1287.5	1287.5	1287.5	1287.5	***	***	***	***
			kW	1030	1030	1030	1030				
			A	1689.4	1791.2	1858.3	1956.2				
MGS1000C <i>Revised-2</i>	S12H-PTA-S	5CP 7PC	GENERATOR MODEL	MG-7PC							
			kVA	1055	1055	1055	1055	**	**	**	**
			kW	844	844	844	844				
			A	1384.3	1467.7	1522.8	1602.9				
MGS1000C <i>Revised-1</i>	S12H-PTA-S	5CP H6J	GENERATOR MODEL	MG-HC6J *				MG-HC6J *			
			kVA	900	900	900	900	900	900	900	900
			kW	720	720	720	720	720	720	720	720
			A	1180.9	1252.1	1299.0	1367.4	2361.9	2498.2	2598.1	2734.8
MGS0900C	S12A2-PTA2-S	5CP H6J	GENERATOR MODEL	MG-HC6J				MG-HC6J			
			kVA	775	775	770	770	775	775	770	770
			kW	620	620	616	616	620	620	616	616
			A	1016.9	1078.2	1111.4	1169.9	2033.8	2151.2	2222.8	2339.8
MGS0700C	S6R2-PTAA-S	5CP H6H	GENERATOR MODEL	MG-HC6H				MG-HC6H			
			kVA	750	750	750	750	750	750	750	750
			kW	600	600	600	600	600	600	600	600
			A	984.1	1043.4	1082.5	1139.5	1968.2	2081.8	2165.1	2279.0
MGS0650C	S6R2-PTA-S	5CP H6G	GENERATOR MODEL	MG-HC6G				MG-HC6G			
			kVA	670	670	670	665	670	670	670	665
			kW	536	536	536	532	536	536	536	532
			A	879.1	932.1	967.1	1010.4	1758.3	1859.7	1934.1	2020.7
MGS0500C	S6R-PTA-S	5CP H5F	GENERATOR MODEL	MG-HC5F				MG-HC5F			
			kVA	575	570	565	560	575	570	565	560
			kW	460	456	452	448	460	456	452	448
			A	754.5	793.0	815.5	850.8	1509.0	1582.2	1631.0	1701.7
MGS0500C	S6A3-PTAA-S	5CP H5E	GENERATOR MODEL	MG-HC5E				MG-HC5E			
			kVA	500	500	500	500	500	500	500	500
			kW	400	400	400	400	400	400	400	400
			A	656.1	695.6	721.7	759.7	1312.2	1387.9	1443.4	1519.3
MGS0450C	S6A3-PTA-S	5CP H5D	GENERATOR MODEL	MG-HC5D				MG-HC5D			
			kVA	450	450	450	450	450	450	450	450
			kW	360	360	360	360	360	360	360	360
			A	590.5	626.0	649.5	683.7	1180.9	1249.1	1299.0	1367.4

- Notes:**
- 1 Generator is 3 Phase 4 wire, Class H Insulation and 105deg. C Temperature rise(Class F rise) at 40deg. Ambient conditions.
 - 2 Standard set are based on Single Star connection for 400V class and Paralle Star connection for 200V class, except P model
 - 3 Rating conditions are based on 40deg. C ambient Temperature and Altitude is 1000meters ASL.
 - 4 Rated Power factor is Lagging 80%(0.8)
 - 5 *** Marks output shall be contact to MHI's Design section. (This is Option Voltage)
 - 6 Added MG-HC6J Model for MGS-1000C (Revision-1 & * marked)
 - 7 Deleted MG-7PC(OPTION) Model for MGS1000C of Parallel Star Connection(AC220V-180V) (Revision 2 & ** marked)

Table 20: Output List for MGS-C/II Diesel Generator set's (50Hz, COP, ISO 8528 March 2009)

SET MODEL	ENG MODEL	CODE		Generator Rated Voltage & Output Rating									
				Series Star connection				Parallel Star Connection					
				440	415	400	380	220	208	200	190		
MGS2500C	N/A	N/A	GENERATOR MODEL										
			kVA										
			kW										
MGS2000C	N/A	N/A	GENERATOR MODEL										
			kVA										
			kW										
MGS1500C	S16R-PTA-S	5C 7PE	GENERATOR MODEL	MG-7PE									
			kVA	1550	1550	1550	1550	***	***	***	***		
			kW	1240	1240	1240	1240						
MGS1400C	N/A	N/A	GENERATOR MODEL										
			kVA										
			kW										
MGS1200C	S12R-PTA-S	5C 7PB	GENERATOR MODEL	MG-7PB									
			kVA	1140	1135	1135	1130	**	**	**	**		
			kW	912	908	908	904						
MGS1000C	S12H-PTA-S	5C H6K	GENERATOR MODEL	MG-HC6K				MG-HC6K					
			kVA	950	950	950	950	950	950	950	950		
			kW	760	760	760	760	760	760	760	760		
MGS1000C	S12H-PTA-S	5C H6J	GENERATOR MODEL	MG-HC6J *				MG-HC6J *					
			kVA	900	900	900	900	900	900	900	900		
			kW	720	720	720	720	720	720	720	720		
MGS0900C	S12A2-PTA2-S	5C H6G	GENERATOR MODEL	MG-HC6G				MG-HC6G					
			kVA	690	685	685	685	690	685	685	685		
			kW	552	548	548	548	552	548	548	548		
MGS0700C	N/A	N/A	GENERATOR MODEL										
			kVA										
			kW										
MGS0650C	S6R2-PTA-S	5C H5F	GENERATOR MODEL	MG-HC5F				MG-HC5F					
			kVA	565	565	560	550	565	565	560	550		
			kW	452	452	448	440	452	452	448	440		
MGS0500C	S6R-PTA-S	5C H5E	GENERATOR MODEL	MG-HC5E				MG-HC5E					
			kVA	500	500	500	500	500	500	500	500		
			kW	400	400	400	400	400	400	400	400		
MGS0450C	S6A3-PTA-S	5C H5C	GENERATOR MODEL	MG-HC5C				MG-HC5C					
			kVA	385	385	385	385	385	385	385	385		
			kW	308	308	308	308	308	308	308	308		

- Notes:**
- 1 Generator is 3 Phase 4 wire, Class H Insulation and 105deg. C Temperature rise(Class F rise) at 40deg. Ambient conditions.
 - 2 Standard set are based on Single Star connection for 400V class and Paralle Star connection for 200V class, except P model
 - 3 Rating conditions are based on 40deg. C ambient Temperature and Altitude is 1000meters ASL.
 - 4 Rated Power factor is Lagging 80%(0.8)
 - 5 *** Marks output shall be contact to MHI's Design section. (This is Option Voltage)
 - 6 Added MG-HC6J Model for MGS-1000C (Revision-1 & * marked)
 - 7 Deleted MG-7PC(OPTION) Model for MGS1000C of Parallel Star Connection(AC220V-180V) (Revision-2 & ** marked)