

MGS

For High Ambient Temperature

Updated



EQUIPPED WITH OVERSIZE RADIATOR

Rating Chart: 50Hz

■ **MGS-B**

50 Hz, 1500 rpm, With Fan, 380V				
MGS GEN SET MODEL	ENGINE MODEL	Code Stand-by: 5S- Prime: 5P-	Approved Rating	
			Stand-by (kVA)	Prime (kVA)
MGS2700B	S16R2-PTAW	KT84	2465	2220
MGS2700B	S16R2-PTAW	L51V9	2485	2240
MGS2000B	S16R-PTA2-S	KT83	2235	2030
MGS2000B	S16R-PTA2-S	L51L7	2220	2015
MGS1500B	S16R-PTA-S	7PF	2000	1800
MGS1500B	S16R-PTA-S	L51M6	2000	1810
MGS1500B	S16R-PTA-S	7PD	1675	1600
MGS1500B	S16R-PTA-S	L50V1	1680	1600
MGS1400B	S12R-PTA2-S	7PD	1600	1450
MGS1400B	S12R-PTA2-S	L50V1	1600	1450
MGS1200B	S12R-PTA-S	7PD	1500	1362.5
MGS1200B	S12R-PTA-S	L50L8	1500	1362.5
MGS1000B	S12H-PTA-S	7PC	1250	1125
MGS1000B	S12H-PTA-S	H6J	1050	1000
MGS0900B	S12A2-PTA2-S	H6J	1000	900
MGS0650B	S6R2-PTA-S	H6G	780	700
MGS0600B	S6R-PTA-S	H5F	690	625
MGS0450B	S6A3-PTA-S	H5D	515	480

■ **MGS-C**

50 Hz, 1500 rpm, With Fan, 380V						
MGS GEN SET MODEL	ENGINE MODEL	Code 5CP-	Prime		Continuous	
			Approved Rating (kVA)	Code 5C-	Approved Rating (kVA)	
MGS2700C	S16R2-PTAW	KT84	2185	KT84	1885	
MGS2700C	S16R2-PTAW	L51V9	2150	L51V9	1900	
MGS2000C	S16R-PTA2-S	KT83	1935	—	—	
MGS2000C	S16R-PTA2-S	L51L7	1925	—	—	
MGS1500C	S16R-PTA-S	7PF	1735	7PE	1550	
MGS1500C	S16R-PTA-S	L51M6	1735	L51M6	1550	
MGS1400C	S12R-PTA2-S	7PD	1390	—	—	
MGS1400C	S12R-PTA2-S	L50V1	1390	—	—	
MGS1200C	S12R-PTA-S	7PD	1287.5	7PB	1130	
MGS1200C	S12R-PTA-S	L50L8	1287.5	L50L8	1140	
MGS1000C	S12H-PTA-S	7PC	1055	H6K	950	
MGS1000C	S12H-PTA-S	H6J	900	H6J	900	
MGS0900C	S12A2-PTA2-S	H6J	870	H6G	750	
MGS0650C	S6R2-PTA-S	H6G	665	H5F	550	
MGS0600C	S6R-PTA-S	H5F	560	H5E	500	
MGS0450C	S6A3-PTA-S	H5D	450	H5C	385	

Rating Chart: 60Hz

■ MGS-B

60 Hz, 1800 rpm, With Fan, 480V				
GEN SET MODEL	ENGINE MODEL	Code Stand-by: 6S-Prime: 6P-	Approved Rating	
			Stand-by (kW)	Prime (kW)
MGS2000B	S16R-PTA2-S	7PE	1900	1730
MGS2000B	S16R-PTA2-S	L51M6	1900	1730
MGS1500B	S16R-PTA-S	7PD	1680	1550
MGS1500B	S16R-PTA-S	L51S5	1700	1550
MGS1400B	S12R-PTA2-S	7PC	1420	1280
MGS1400B	S12R-PTA2-S	L50L8	1420	1280
MGS1200B	S12R-PTA-S	7PB	1260	1150
MGS1200B	S12R-PTA-S	L50L7	1260	1150
MGS1000B	S12H-PTA-S	H6J	1070	960
MGS0900B	S12A2-PTA2-S	H6H	870	790
MGS0600B	S6R-PTA-S	H5F	630	570
MGS0450B	S6A3-PTA-S	H5C	480	435

60 Hz, 1800 rpm, With Fan, 380V				
GEN SET MODEL	ENGINE MODEL	Code Stand-by: 6S-Prime: 6P-	Approved Rating	
			Stand-by (kW)	Prime (kW)
MGS2000B	S16R-PTA2-S	73PF	1900	1730
MGS2000B	S16R-PTA2-S	L51M68	1900	1730
MGS1500B	S16R-PTA-S	73PF	1700	1550
MGS1500B	S16R-PTA-S	L51S58	1700	1550
MGS1400B	S12R-PTA2-S	73PD	1415	1280
MGS1400B	S12R-PTA2-S	L50V18	1420	1280
MGS1200B	S12R-PTA-S	73PD	1265	1145
MGS1200B	S12R-PTA-S	L50L78	1265	1145
MGS1000B	S12H-PTA-S	73PD	1070	970
MGS0900B	S12A2-PTA2-S	H6J	860	785
MGS0600B	S6R-PTA-S	H6G	620	560
MGS0450B	S6A3-PTA-S	H5E	480	435

Stand-by: Code: S

Applicable for supplying emergency power at varying load in the event of normal utility power interruption. Fuel stop power in accordance with ISO15550, ISO3046/1, JIS8002-1, DIN6271 and BS5514.

Prime: Code: P

Applicable for supplying emergency power at varying load in the event of normal utility power interruption. +10% overload in accordance with ISO3046/1. Overload power in accordance with ISO15550, ISO3046/1, JIS8002-1, DIN6271 and BS5514.

Conditions:

Outputs are based on the following standard conditions

- Ambient temperature: 40 deg.C
- Altitude above sea level: Below 1,000 meters
- Equipped with oversized radiator for 50 deg.C

Engine ratings are based on SAE J1349 standard conditions and also apply at ISO3046/1, DIN6271 & BS5514 standard conditions.

Fuel rates: based on ASTM D975, BS2869 and on fuel oil of 35° API (16°C or 60°F) gravity having a LHV of 42,780 kJ/kg (18,390 Btu/lb.) when used at 29°C (85°F) and weighing 838.9 g/liter (7.001 lbs./U.S. gal.).

■ MGS-C

60 Hz, 1800 rpm, With Fan, 480V					
GEN SET MODEL	ENGINE MODEL	Prime		Continuous	
		Code 6CP-	Approved Rating (kW)	Code 6C-	Approved Rating (kW)
MGS2000C	S16R-PTA2-S	7PE	1650	—	—
MGS2000C	S16R-PTA2-S	L51M6	1650	—	—
MGS1500C	S16R-PTA-S	7PD	1470	—	—
MGS1500C	S16R-PTA-S	L51S5	1470	—	—
MGS1500C	S16R-PTA	—	—	7PD	1250
MGS1500C	S16R-PTA	—	—	L51S5	1250
MGS1400C	S12R-PTA2-S	7PC	1220	—	—
MGS1400C	S12R-PTA2-S	L50L8	1220	—	—
MGS1200C	S12R-PTA-S	7PB	1080	—	—
MGS1200C	S12R-PTA-S	L50L7	1080	—	—
MGS1200C	S12R-PTA	—	—	H6J	910
MGS1200C	S12R-PTA	—	—	L50L7	920
MGS1000C	S12H-PTA-S	H6J	920	H6J	830
MGS0900C	S12A2-PTA2-S	H6H	740	H5F	600
MGS0600C	S6R-PTA-S	H5F	540	—	—
MGS0500C	S6R-PTA	—	—	H5D	460
MGS0450C	S6A3-PTA-S	H5C	410	H4F	345

60 Hz, 1800 rpm, With Fan, 380V					
GEN SET MODEL	ENGINE MODEL	Prime		Continuous	
		Code 6CP-	Approved Rating (kW)	Code 6C-	Approved Rating (kW)
MGS2000C	S16R-PTA2-S	73PF	1640	—	—
MGS2000C	S16R-PTA2-S	L51M68	1650	—	—
MGS1500C	S16R-PTA-S	73PF	1470	—	—
MGS1500C	S16R-PTA-S	L51S58	1470	—	—
MGS1500C	S16R-PTA	—	—	73PD	1240
MGS1500C	S16R-PTA	—	—	L51S58	1250
MGS1400C	S12R-PTA2-S	73PD	1220	—	—
MGS1400C	S12R-PTA2-S	L50V18	1220	—	—
MGS1200C	S12R-PTA-S	73PD	1080	—	—
MGS1200C	S12R-PTA-S	L50V78	1080	—	—
MGS1200C	S12R-PTA	—	—	73PD	920
MGS1200C	S12R-PTA	—	—	L50L78	920
MGS1000C	S12H-PTA-S	73PD	920	H6K	830
MGS0900C	S12A2-PTA2-S	H6J	740	H6G	580
MGS0600C	S6R-PTA-S	H6G	520	—	—
MGS0500C	S6R-PTA	—	—	H5F	455
MGS0450C	S6A3-PTA-S	H5E	410	H5C	345

Prime [PRP]: Code: CP

Applicable for supplying power with varying load instead of the utility for an unlimited time. +10% overload is allowed in accordance with ISO3046/1. Prime power in accordance with ISO8528.

Continuous: Code: C

Applicable for supplying power continuously. Continuous power in accordance with ISO8528, ISO15550, ISO3046/1, JIS8002-1 and BS5514.

Note:

Please consult your nearest Mitsubishi MGS dealer for 1) overload and additional rating requirements, 2) output adjustment under other condition than the standard specified herein, and/or 3) prime power (PRP) conditions. Specifications and some related materials may be changed without notice.

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