

MGS-CN Series Data

	Low Voltage series 400V/ 230V 50Hz										High (Medium) Voltage series 10.5kV/6.3kV 50Hz					IDC		
Unit Model	MGS0750-CN	MGS0850-CN	MGS1100-CN	MGS1400-CN	MGS1500-CN	MGS1650-CN	MGS1900-CN	MGS2050-CN	MGS2250-CN	MGS2700-CN	MGS2800-CN	MGS1900HV-CN	MGS2050HV-CN	MGS2250HV-CN	MGS2700HV-CN	MGS2800HV-CN	MGS2700HV-DC-CN	MGS2800HV-DC-CN
Prime Power kW(kVA)	520 (650)	600 (750)	800 (1000)	1000 (1250)	1080 (1350)	1200 (1500)	1360 (1700)	1500 (1875)	1600 (2000)	1800 (2250)	2000 (2500)	1380 (1725)	1500 (1875)	1600 (2000)	1800 (2250)	2000 (2500)	1800 (2250)	2000 (2500)
Standby Power kW(kVA)	590 (737)	660 (825)	880 (1100)	1120 (1400)	1200 (1500)	1320 (1650)	1500 (1875)	1650 (2062)	1800 (2250)	2000 (2500)	2200 (2750)	1520 (1900)	1650 (2062)	1800 (2250)	2000 (2500)	2200 (2750)	2000 (2500)	2200 (2750)
Controller Model						DSE7320MKII										DSE7320MKII		
Alternator Model	HCI544F	HCI634G	HCI634J	S6L1D-H4	S6L1D-H4	LSA50.2 VL10	LSA52.3 S5	LSA52.3 S6	LSA52.3 S7	LSA52.3L9	LSA52.3UL16	LSA53.2VL6&LSA52.2XL80	LSA53.2VL7&LSA52.2XL80	LSA53.2VL7&LSA52.2XL80	LSA53.2XL9 /LSA53.2VL8	LSA53.2XL11/LSA53.2VL10	LSA53XL9 IDC	LSA53XL11 IDC
Engine Model	S6R2-PTA	S6R2-PTAA	S12H-PTA	S12R-PTA	S12R-PTA2	S12R-PTAA2	S16R-PTA	S16R-PTA2	S16R-PTAA2	S16R2-PTAW	S16R2-PTAW2-E	S16R-PTA	S16R-PTA2	S16R-PTAA2	S16R2-PTAW	S16R2-PTAW2-E	S16R2-PTAW	S16R2-PTAW2-E
Cylinder Quantity / Arrangement	L6	L6	V12	V12	V12	V12	V16	V16	V16	V16	V16	V16	V16	V16	V16	V16	V16	V16
Bore (mm)	170	170	150	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
Stroke (mm)	220	220	175	180	180	180	180	180	180	220	220	180	180	180	220	220	220	220
Compression Ratio	14.0:1	14.0:1	14.0:1	14.0:1	13.5:1	13.5:1	14.0:1	13.5:1	14.0:1	14.0:1	14.0:1	14.0:1	13.5:1	14.0:1	14.0:1	14.0:1	14.0:1	14.0:1
Displacement (L)	29.9	29.9	37.1	49.0	49.0	49.0	65.4	65.4	65.4	79.9	79.9	65.4	65.4	65.4	79.9	79.9	79.9	79.9
Exhaust Flange Standard	JIS 5K 200A	JIS 5K 200A	JIS 5K 200A	JIS 5K 300A	JIS 5K 300A	JIS 5K 300A	JIS 5K 350A	JIS 5K 350A	JIS 5K 350A	JIS 5K 350A	JIS 5K 350A	JIS 5K 350A	JIS 5K 350A	JIS 5K 350A	JIS 5K 350A	JIS 5K 350A	JIS 5K 350A	JIS 5K 350A
Recommended Battery Capacity	DC24V 200Ah	DC24V 200Ah	DC24V 300Ah	DC24V 400Ah	DC24V 400Ah	DC24V 400Ah	DC24V 400Ah	DC24V 400Ah	DC24V 400Ah	DC24V 600Ah	DC24V 600Ah	DC24V 400Ah	DC24V 400Ah	DC24V 400Ah	DC24V 600Ah	DC24V 600Ah	DC24V 600Ah	DC24V 600Ah
Fuel Consumption at 100% Rated Load (L/Hr)	121	147	194	235	253	316	346	386	413	448	531	352	386	413	448	531	448	531
Lubricating Oil Capacity (L)	94	94	200	180	180	180	230	230	230	290	290	230	230	230	290	290	290	290
Cooling Water Capacity (Incl. Radiator) (L)	205	258	230	391	391	391	325	320	450	720	750	325	320	450	720	750	720	750
Cooling Water / Intercooler Flow (L/min)	670	670	1200	1650	1650	1650	1650	1650	1650	1650/920	1650/920	1650	1650	1650	1650/920	1650/920	1650/920	1650/920
Cooling Air Flow (Fan) (m³/min)	720	720	1800	1800	1800	1800	1950	2040	2500	2760	3793	1950	2040	2500	2760	3793	2760	3793
Combustion Air Flow at Prime Power (m³/min)	47	61	76	89	96	118	117	146	152	168	191	117	146	152	168	191	168	191
Exhaust Gas Flow at Prime Power (m³/min)	125	163	201	235	253	312	309	343	403	445	506	309	343	403	445	506	445	506
Max. Exhaust Gas Temperature (°C)	500	520	520	520	520	520	520	520	520	520	510	520	520	520	520	510	520	510
Max. Allowable Exhaust Back Pressure (kPa)	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Overall Length (mm)	3660	4060	4189	4930	4420	4802	5148	5154	5484	6161	7068	6001&5800	5954&5871	6100&5900	7165&6886	7552&7349	6940	7552
Width (mm)	1867	1830	1897	2040	2040	2192	2393	2368	2210	2830	3004	2393	2386	2192	2830	3004	2830	3004
Height (mm)	1974	2109	2389	2317	2317	3022	2609	3045	3399	3178	3094	2590	3045	3399	3178	3178	3178	3178
Unit Net Weight (kg)	5400	5700	8400	9840	9300	11900	13000	13640	13450	17200	18700	15545&15400	15500&15250	15955&15800	19000&18000	19500&19450	18300	19000

*技术参数如有变更，恕不另行通知

Power Definition and Manufacturing Standards

Standby Power:

Maximum power available within a sequence of variable power loads when the mains supply fails. The annual operating time shall not exceed 200 hours. Overload operation is not permitted.

Prime Power:

Maximum power available for supplying variable loads for an unlimited number of operating hours per year. A 10% overload is permitted for 1 hour within every 12 hours of operation.

Manufacturing Standard:

ISO 8528