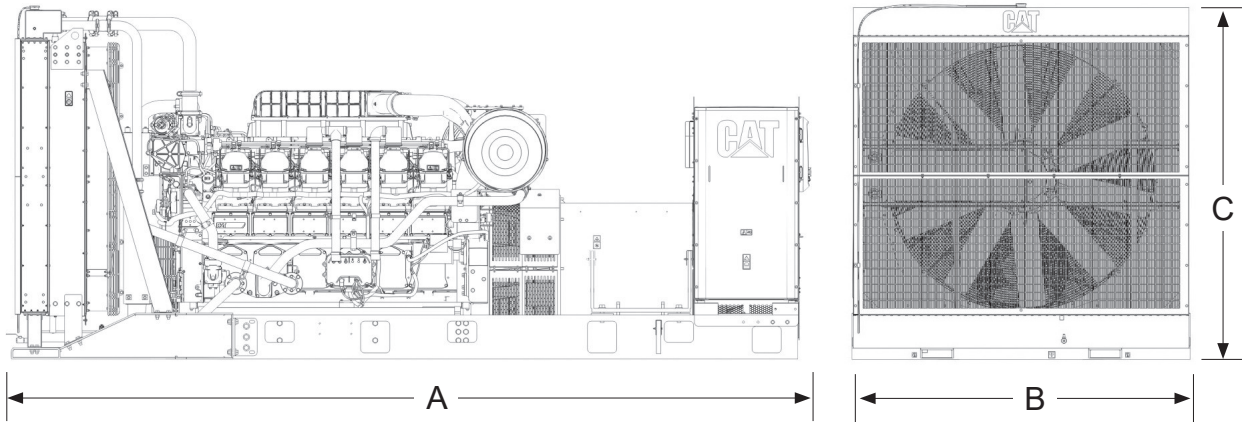




		2707-00		EM2718-00		DM8181-01		DM8044-01	
uel Consumption									
100	load with fan L/hr (gal/hr)	332.3	87.8)	332.3	87.8)	3 5.	8 .5)	271.7	71.8)
75	)	253.2	66.9)	253.2	66.9)	235.9	62.3)	211.3	55.8)
5	)	179.8	47.5)	179.8	47.5)	167.8	44.3)	151.2	39.9)
25	)	1 3.4	27.3)	1 3.4	27.3)	96.1	25.4)	87.4	23.1)
		.12	.48)	.12	.48)	.12	.48)	.12	.48)
³)		1283	45308)	1283	45308)	1283	45308)	1283	45308)
		15 8	41 4)	15 8	41 4)	15 8	41 4)	15 8	41 4)
		14 .0	(38.6)	146.0	(38.6)	146.0	(38.6)	146.0	(38.6)
()		3 .8	(80.0)	0 .8	(80.0)	0 .8	(80.0)	0 .8	(80.0)
()		0 .8	(.)	0 .8	(.)	8.0	(0.)	88.	(.0)
()		8 .	(0.0)	487.2	9 9.)	.	(8 .)	.8	(8 8.)
()		.	(.0)	276.3	9755.)	.	(8 .)	0.0	(8 .)
() (.)		.	(.)	.	(.)	.	(.)	.	(.)
()			()	574	32624)		(08)		(8 0)
() ()			()	1253	71246)		(0)	0	(8)
()			()	267	15193)		()		()
()			(8)	143	8149)	0	()		(0)
()		8	()	58	3321)		()		()
()									
()		8 .	(8.00)	3897.2	8.)	0 8.0	(8.)	8 .	(8.0)
()		0 .	(.)	6 2.3	1.24)	.	(. 8)	.	(.)
()		.	(0.)	44.5	.11)	0.	(0.)	88.0	(0. 8)
()						.	(0.0)	.	(0.0)
()									
()		.	(. 0)	4676.6	9.6)	88 .	(0.)	00.	(.)
()		08 .	(.)	1 84.2	2.24)	0 .0	(. 0)	.	(.)
()		.	(0.)	59.2	.14)	.	(0.)	.0	(0.)
()						.	(0.0)	.0	(0.08)

*mg/ m³ levels are corrected to 5 O₂. Contact your local Cat dealer for further information.

Weights and Dimensions



Dim "A" mm (in)	Dim "B" mm (in)	Dim "C" mm (in)	Dry Weight kg (lb)
5404 (212.8)	2286 (90.0)	2411 (94.9)	11 621 (25,620)

Note: For reference only. Do not use for installation design. Contact your local Cat dealer for precise weights and dimensions.

Ratings Definitions

Standby

Output available with varying load for the duration of the interruption of the normal source power. Average power output is 70% of the standby rated kW. Typical operation is 200 hours per year, with maximum expected usage of 500 hours per year.

Mission Critical

Output available with varying load for the duration of the interruption of the normal source power. Average power output is 85% of the mission critical rated kW. Typical peak demand up to 100% of rated kW for up to 5% of the operating time. Typical operation is 200 hours per year, with maximum expected usage of 500 hours per year.

Prime

Output available with varying load for an unlimited time. Average power output is 70% of the prime rated kW. Typical peak demand is 100% of prime rated kW with 10% overload capability for emergency use for a maximum of 1 hour in 12. Overload operation cannot exceed 25 hours per year.

Continuous

Output available with non-varying load for an unlimited time. Average power output is 70-100% of the continuous rated kW. Typical peak demand is 100% of continuous rated kW for 100% of the operating hours.

Applicable Codes and Standards

AS 1359, IBC, IEC 60034-1, ISO 3046, ISO 8528, NEMA MG1-22, NEMA MG1-33, 2014/35/EU, 2006/42/EC, 2014/30/EU and facilitates compliance to NFPA 37, NFPA 70, NFPA 99, NFPA 110.

Note: Codes may not be available in all model configurations. Please consult your local Cat dealer for availability.

Data Center Applications

- All ratings Tier III/Tier IV compliant per Uptime Institute requirements.
- All ratings ANSI/TIA-942 compliant for Rated-1 through Rated-4 data centers.

Fuel Rates

Fuel consumption reported in accordance with ISO 3046-1, based on fuel oil of 35° API [16°C (60°F)] gravity having an LHV of 42,780 kJ/kg (18,390 Btu/lb) when used at 15°C (59°F) and weighing 850 g/liter (7.0936 lbs/U.S. gal.) All fuel consumption values refer to rated engine power.

www.cat.com/electricpower

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