

SPECIFICATIONS

Table 1. Generator Specifications

Model	DCA300SSC/DCA300SSCU
Type	Revolving field, self ventilated, open protected type synchronous generator
Armature Connection	Star with Neutral
Phase	3
Standby Output	264 KW (330 kVA)
Prime Output	240 KW (300 kVA)
3Ø Voltage (L-L/L-N) Voltage Change-Over Bd. at 3Ø 240/139	208Y/120, 220Y/127, 240Y/139
3Ø Voltage (L-L/L-N) Voltage Change-Over Bd. at 3Ø 480/277	416Y/240, 440Y/254, 480Y/277
1Ø Voltage (L-L/L-N) Voltage Change-Over Bd. at 1Ø 240/120	240/120
Power Factor	0.8
Frequency	60 Hz
Speed	1800 rpm
Aux. AC Power	Single Phase, 60 Hz
Aux. Voltage/Output	4.8 Kw (2.4 kW x 2)
Dry Weight	8,644 lbs. (3,920 kg)
Wet Weight	9,769 lbs. (4,430 kg)

Table 2. Engine Specifications

Model	Cummins QSL9-G3 Tier 3	
Type	4 cycle, water-cooled, direct injection, turbo-charged with air to air after-cooler	
No. of Cylinders	6 cylinders	
Bore x Stroke	4.49 in. x 5.69 in. (114 mm x 145 mm)	
Displacement	543 cu. in. (8900 cc)	
Rated Output	363 HP at 1800 rpm	
Starting	Electric	
Coolant Capacity	11.3 gal. (43.0 liters)	
Lube Oil Capacity	7.0 gal. (26.5 liters)	
Fuel Type	#2 Diesel Fuel	
Fuel Tank Capacity	129 gal. (490 liters)	
Fuel Consumption	19.0 gal. (72.0 L)/hr at full load	15.5 gal. (58.6 L)/hr at 3/4 load
	11.1 gal. (41.9 L)/hr at 1/2 load	5.9 gal. (22.4 L)/hr at 1/4 load
Battery	150 Ah x 2 (24V System)	

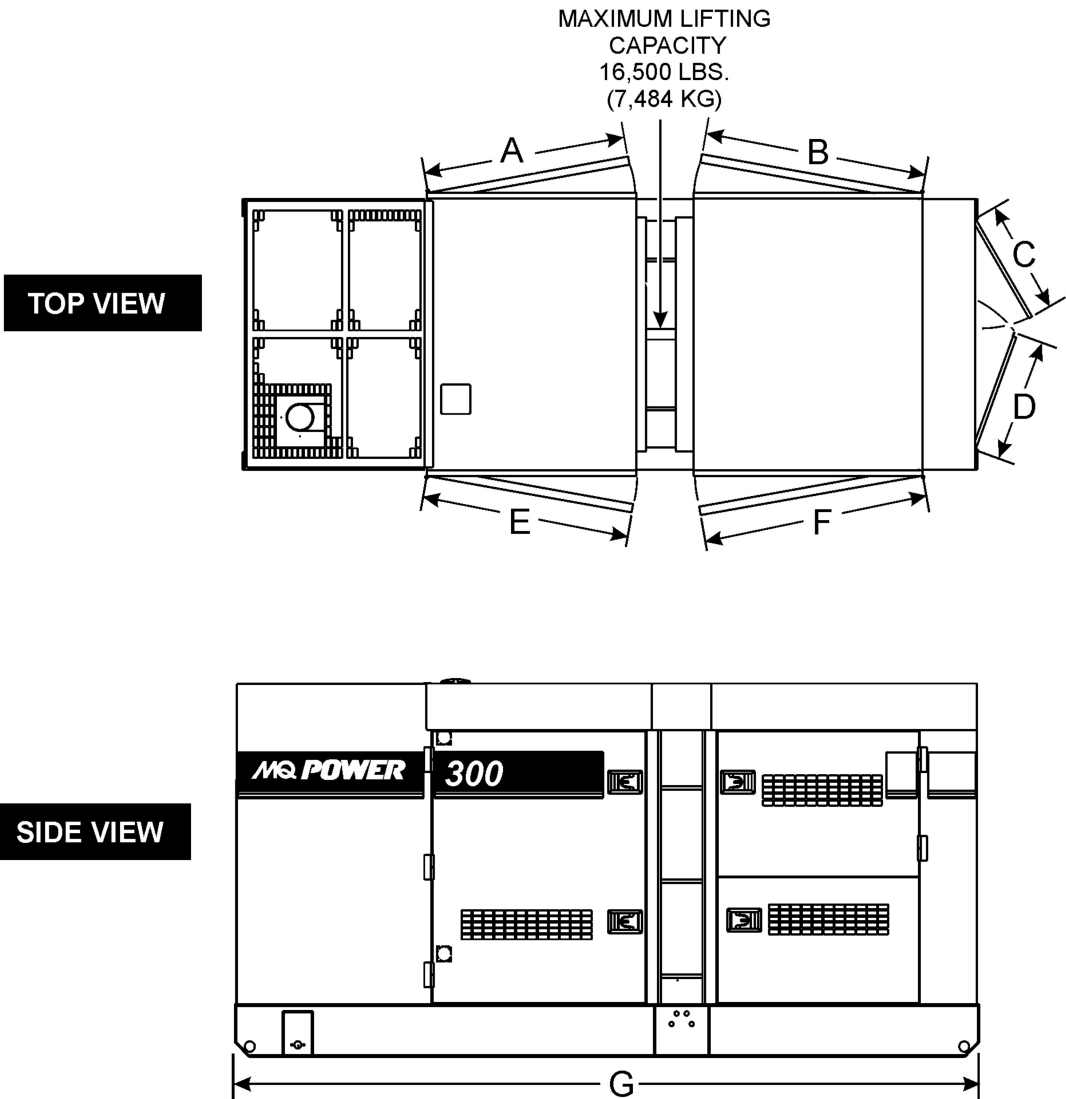


Figure 1. Dimensions

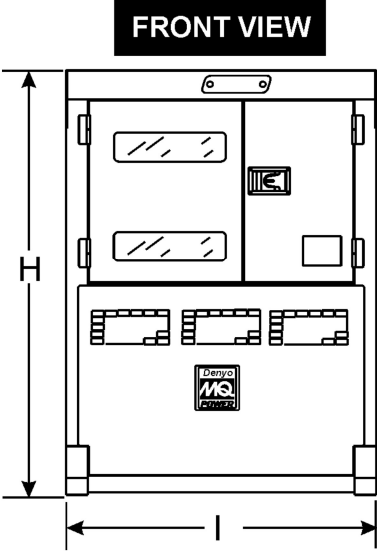


Table 3. Dimensions			
Reference Letter	Dimension in. (mm)	Reference Letter	Dimension in. (mm)
A	39.76 in. (1,010 mm)	F	43.90 in. (1,115 mm)
B	43.90 in. (1,115 mm)	G	149.61 in. (3,800 mm)
C	23.03 in. (585 mm.)	H	70.87 in. (1,800 mm)
D	25.20 in. (640 mm)	I	55.12 in. (1,400 mm)
E	39.76 in. (1,010 mm)		