

# SPECIFICATIONS

**Table 1. Generator Specifications**

<b>Model</b>	DCA300SSCU2/ DCA300SSCU4i
<b>Type</b>	Revolving field, self ventilated, open protected type synchronous generator
<b>Armature Connection</b>	<b>Star with Neutral</b>
<b>Phase</b>	3
<b>Standby Output</b>	264 kW (330 kVA)
<b>Prime Output</b>	240 kW (300 kVA)
<b>3Ø Voltage (L-L/L-N) Voltage Change-Over Bd. at 3Ø 240/139</b>	208Y/120, 220Y/127, 240Y/139
<b>3Ø Voltage (L-L/L-N) Voltage Change-Over Bd. at 3Ø 480/277</b>	416Y/240, 440Y/254, 480Y/277
<b>1Ø Voltage (L-L/L-N) Voltage Change-Over Bd. at 1Ø 240/120</b>	240/120
<b>Power Factor</b>	0.8
<b>Frequency</b>	60 Hz
<b>Speed</b>	1800 rpm
<b>Aux. AC Power</b>	Single Phase, 60 Hz
<b>Aux. Voltage/Output</b>	4.8 Kw (2.4 kW x 2)
<b>Dry Weight</b>	8,642 lbs. (3,920 kg)
<b>Wet Weight</b>	9,766 lbs. (4,440 kg)

**Table 2. Engine Specifications**

<b>Model</b>	Cummins QSL9-G8 Interim Tier 4 Certified	
<b>Type</b>	4 cycle, water-cooled, direct injection, turbo-charged charged air cooled and EGR	
<b>No. of Cylinders</b>	6 cylinders	
<b>Bore x Stroke</b>	4.49 in. x 5.71 in. (114 mm x 145 mm)	
<b>Displacement</b>	543 cu. in. (8.9 liters)	
<b>Rated Output</b>	433 HP @ 1800 rpm	
<b>Starting</b>	Electric	
<b>Coolant Capacity <sup>1</sup></b>	14 gal. (53.0 liters) <sup>1</sup>	
<b>Lube Oil Capacity <sup>2</sup></b>	6 gal. (22.7 liters) <sup>2</sup>	
<b>Lubricating Type Oil</b>	API service class CJ-4 SAE 15W-40	
<b>Fuel Type</b>	#2 Diesel Fuel (Ultra low sulfur diesel fuel only)	
<b>Fuel Tank Capacity</b>	129 gal. (380 liters)	
<b>Fuel Consumption</b>	16.3 gal. (61.8 L)/hr at <b>full load</b>	14.1 gal. (53.3 L)/hr at <b>3/4 load</b>
	12.0 gal. (45.5 L)/hr at <b>1/2 load</b>	7.05 gal. (26.7 L)/hr at <b>1/4 load</b>
<b>Battery</b>	12v 150Ah X 2 (24 V System)	

<sup>1</sup> Includes engine and radiator hoses

<sup>2</sup> Includes filters

# DIMENSIONS

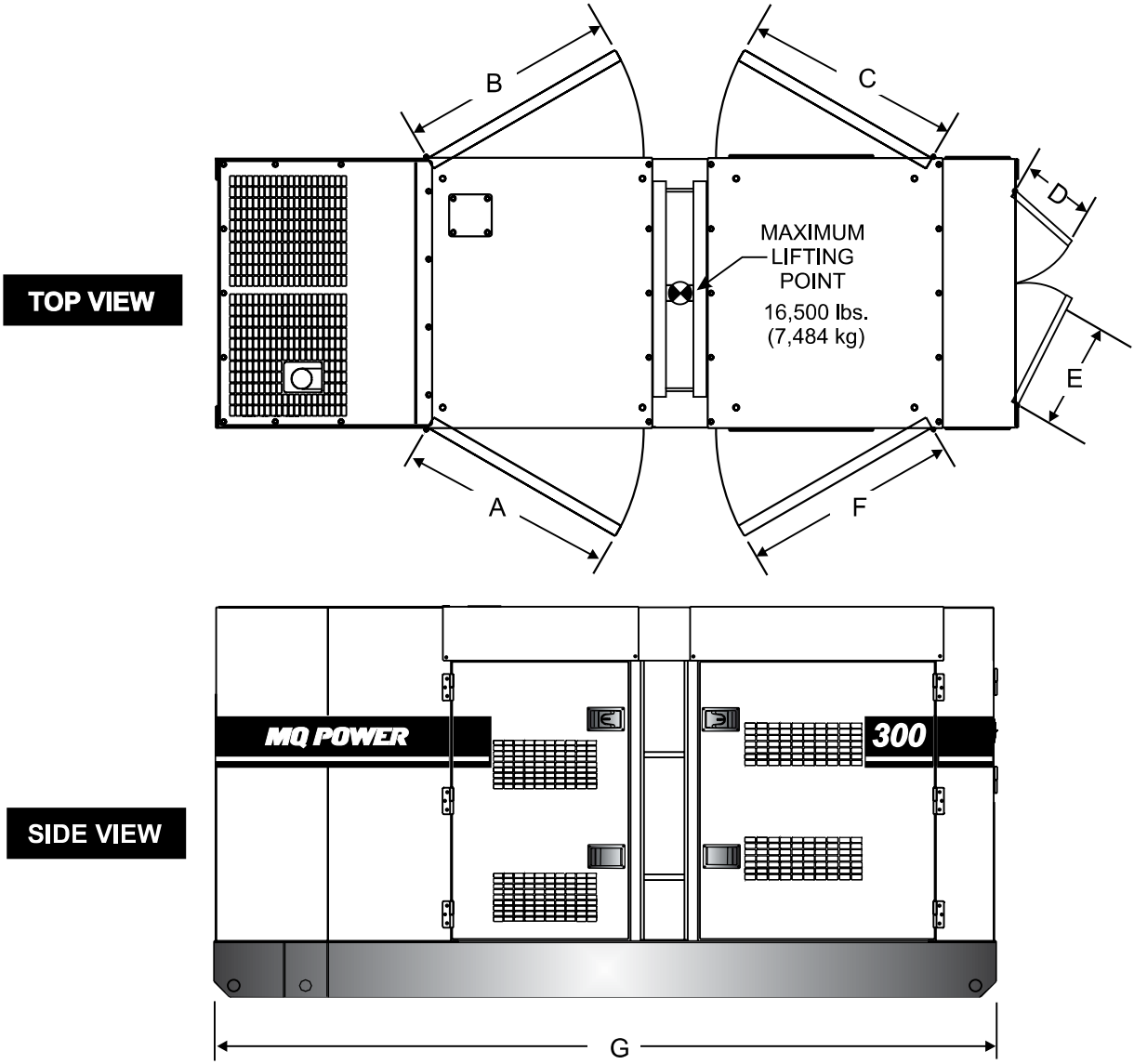


Figure 1. Dimensions

## FRONT VIEW

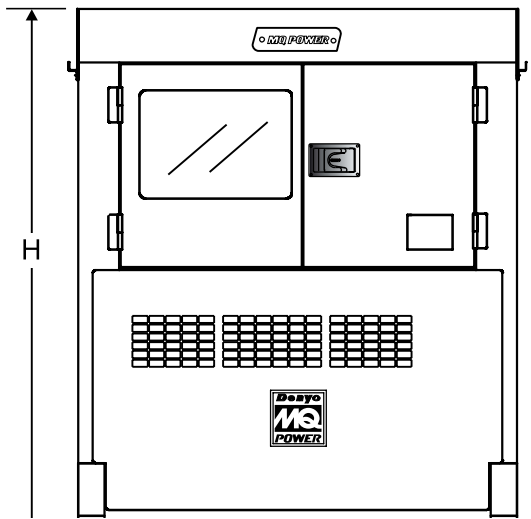


Table 3. Dimensions			
Reference Letter	Dimension in. (mm)	Reference Letter	Dimension in. (mm)
A	39.76 (1,010)	F	43.89. (1,115)
B	39.76 (1,010)	G	149.60 (3,800)
C	43.89. (1,115)	H	70.86 (1,800)
D	23.03 (585)	I	59.05 (1,500)
E	25.19 (640)		