

MQ Power Containerized Generators

MODEL	CG500C2	CG1000C2	CG1500C2
Generator			
Design	Revolving Field, Self- Ventilated, Drip-Proof		
No. of poles	4-pole		
Excitation	Brushless with PMG		
Standby Output (kW)	500	1,000	1,500
Prime Output (kW)	455	900	1,365
Generator RPM	1,800		1,800
Voltage- 3 phase*	480V		
Armature Connection	WYE Connection		
Voltage Regulation	0.25%		0.5%
Power Factor	0.8		
Frequency	60 Hz		
Insulation	Class H		
Diesel Engine			
Make/Model	Cummins QSX 15-G9	Cummins QST30-G5	Cummins QSK50-G5
Emissions	Tier 2		
Starting System	Electric		
Design	4 cycle, Turbocharged, Air-to-Air Charge, Air Cooling	4 cycle, Turbocharged, Low Temperature & Aftercooled	
Displacement- Cubic inches (liters)	912 (15)	1,860 (30.5)	3,067 (50.3)
No. of Cylinders	In-Line 6	V-12	V-16
HP at Rated Speed	755	1,490	2,220
Fuel Tank Capacity gal. (liters)	800 (3,028)	1,000 (3,785)	1,000 (3,785)
Standby Power Fuel Consumption at full load gph (lph)	34.4 (130.2)	72.2 (273.3)	109.9 (416.0)
Prime Power Fuel Consumption			
Full load gph (lph)	31.1 (117.8)	63.9 (241.9)	98.0 (3710.0)
3/4 load gph (lph)	23.9 (90.5)	47.5 (179.8)	76.7 (290.3)
1/2 load gph (lph)	17.2 (65.3)	32.1 (121.5)	56.0 (212.0)
1/4 load gph (lph)	9.9 (37.4)	17.3 (65.5)	31.6 (119.6)
Coolant capacity gal. (liters)	6.3 (24)	70 (265)	120 (454)
Oil capacity with filters gal. (liters)	24 (91.0)	40.7 (154.1)	62 (235)
Battery (24 VDC series parallel connection)	24VDC		
Size	2 each Group 8D		4 each Group 8D
L x W x H (ft.)	20 x 8 x 8.5	30 x 8 x 9.5	40 x 8 x 9.5
Approx Net Wt w/o Fuel (lbs)	22,440	53,420	68,060
Chassis Weight (lbs)	6,480	6,000	6,600
Amps			
Three phase 480V	752	1,504	2,255

* Special voltage outputs are available (Special order)