

MQ Power Containerized Generators — 500, 750, 1000, 1500 and 2000 KW

	EGC-5000D	EGC-500V	EGC-750DD	EGC-750C	EGC-1000DD	EGC-1500C	EGC-2000C
GENERATOR							
Design	Revolving field Self-ventilated Drip-proof Single bearing Synchronous						
No. of Poles	4-pole						
Excitation	Brushless with PMG/AVR						
Standby Output (KW)	500	500	750	800	1000	1500	2000
Prime Output (KW)	450	450	675	725	900	1250	1800
Continuous Output (KW)	330	450	500	585	660	1125	1600
Generator RPM	1800						
Voltage — 3 Phase (other voltage configurations available on request)	120/208V 277/480V				277/480V		
Voltage Selector Switch	Standard				N/A		
Armature Connection	Wye Connection						
Voltage Regulation	0.5% max (No load to full load)						
Power Factor	0.8						
Frequency (50 Hz models available upon request)	60 Hz						
Insulation	Class H						
DIESEL ENGINE							
Make/Model	Detroit Diesel 8V2000	Volvo TAD1631GE	Detroit Diesel 12V2000	Cummins QST30-G2	Detroit Diesel 16V2000/G81	Cummins KTA50-G9	Cummins QSK60-G6
Design	4-cycle Water cooled Turbocharged Aftercooled						
Displacement	972 CID	984 CID	1,458 CID	1,860 CID	1,944 CID	3,067 CID	3,673 CID
No. Cylinders	V-6	6 inline	V-12	V-12	V-16	V-16	V-16
Bore x Stroke in. (mm)	5.11 x 5.91 (130 x 150)	5.67 x 6.50 (144 x 165)	5.11 x 5.91 (130 x 150)	5.51 x 6.50 (140 x 165.1)	5.11 x 5.91 (130 x 150)	6.25 x 6.25 (159 x 159)	6.25 x 7.48 (159 x 190)
HP at Rated Speed	765	759	1,120	1,200	1,495	2,220	2,922
Fuel Tank Capacity gal.	800		1,000				
Fuel Consumption							
At full load gph	32.7	34.9	54.7	60.0	78.2	104.0	132.0
At ¾ load gph	26.8	26.8	39.4	39.7	53.4	79.0	100.7
At ½ load gph	18.1	19.0	26.9	26.9	36.7	56.0	71.9
At ¼ load gph	10.1	11.4	15.2	15.2	20.5	33.0	44.2
Engine Coolant Capacity gal.	52.7	54.5	75.9	85.5	78.4	106.1	106.1
Oil Capacity with filters gal.	14.3	9.2	15.0	40.7	28.5	54	54
Battery	24 VDC / 1600 CCA			24 VDC / 3200 CCA			
SIZE							
LxWxH ft.	20 x 8 x 8.5			40 x 8 x 9.5			
Aprox. Wet Wt. without trailer lb.	22,500	20,440	37,540	37,760	38,460	46,480	61,000
Aprox. Wet Wt. with trailer lb.	29,980	26,920	44,280	44,500	45,200	53,220	68,900
AMPS							
Three Phase 208V	1735 A	1822 A	2602 A	2775 A	—	—	—
Three Phase 480V	752 A	789 A	1128 A	1202 A	1,504 A	2,258 A	3,000 A

Note: Backfeed to a utility system can cause electrocution and/or property damage. Do not connect to any building's electrical system except through an approved device or after building main switch is opened.

Features and specifications are subject to be changed without notice.

