

# Containerized Generators





## Containerized Generators

Big jobs demand a large, reliable power source. MQ Power is there to supplement your power needs whether a utility substation, manufacturing plant, or refinery. And when you want to be absolutely sure, look to us to provide the highest performing, technologically superior generators on the market to keep you on track day and night.

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*Look to MQ Power to provide the highest performing, technologically superior generators on the market to keep you on track day and night*

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MQ Power's containerized generators are available in 500, 750, 1,000, 1,500 and 2,000kW packages and in two sizes — the standard 40-foot container and our new 20-foot units that are ideal for space-restricted environments. Each generator is manufactured with the quality and precision needed to deliver power when you need it most.

All models are fitted with three layers of sound-attenuating insulation and an oversized cooling system with vertical air discharge to further reduce noise.

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*Each generator is manufactured with the quality and precision to deliver power when you need it most*

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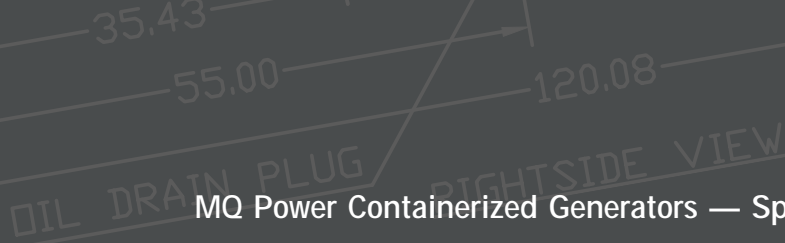
Powered by 4-cycle turbocharged, EPA-compliant Detroit Diesel, Volvo and Cummins engines, our state-of-the-art containerized generators feature a practical design that



gives operators easy access to all maintenance functions. Our 40-foot units house an isolated control room and all MQ Power containerized units can be designed with paralleling controls — generator to generator or generator to utility. The control room also has safety latches on the door to prevent locking from the inside and timer-controlled work lights in the engine, operator and exhaust compartments.

For safety, the generators' industrial grade cables have termination lugs for positive, ultra-secure connections. All wiring is neatly tied and routed for easy troubleshooting and maintenance. All MQ Power containerized generators fit conveniently on a standard ISO trailer.

MQ Power. Perfecting power generation.



## MQ Power Containerized Generators — Specifications

Model	EGC-500DD	EGC-500V	EGC-750DD	EGC-750C	EGC-750DD-20	EGC-1000DD	EGC-1000DD-20	EGC-1500C	EGC-1500C-20
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Generator									
Design	Revolving Field, Self-Ventilated, Drip-Proof, Single Bearing, Synchronous								
No. of Poles	4 Poles								
Excitation	Brushless with PMG/AVR								
Standby Output (KW)	500	500	750	800	750	1000	1000	1500	1500
Prime Output (KW)	450	450	675	725	675	900	900	1250	1250
Generator RPM	1800								
Voltage - 3 Phase	120/208V 277/480V					277/480V			
Voltage Selector Switch	Standard					N/A			
Armature Connection	WYE Connection								
Voltage Regulation (No Load to Full Load)	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%
Power Factor	0.8								
Frequency (50 Hz models available on request)	60 Hz								
Insulation	Class H								

Diesel Engine									
Make/Model	Detroit Diesel 8V2000	Volvo TAD1631GE	Detroit Diesel 12V2000	Cummins OST30-G2	Detroit Diesel 12V2000	Detroit Diesel 16V2000/G81	Detroit Diesel 16V2000/G81	Cummins KTA50-G9	Cummins KTA50-G9
Starting System	24VDC Electric								
Design	4 Cycle, Water Cooled, Turbocharged, Aftercooled								
Displacement	972 CID	984 CID	1,458 CID	1,860 CID	1,458 CID	1,944 CID	1,944 CID	3,067 CID	3,067 CID
No. of Cylinders	V-8	6 In-line	V-12	V-12	V-12	V-16	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)	5.11 x 5.91 (130 x 150)	5.11 x 5.91 (130 x 150)	5.11 x 5.91 (130 x 150)	6.25 x 6.25 (159 x 159)	6.25 x 6.25 (159 x 159)
HP at Rated Speed	765	759	1,120	1,200	1,120	1,495	1,495	2,220	2,220
Fuel Tank Capacity Gal	800	800	1000	1000	600	1000	400	1000	180
Fuel Consumption at Full Load Gph	32.7	34.9	54.7	60.0	54.7	78.2	78.2	104	104
at 3/4 Load Gph	26.8	26.8	39.4	39.7	39.4	53.4	53.4	79	79
at 1/2 Load Gph	18.1	19.0	26.9	26.9	26.9	36.7	36.7	56	56
at 1/4 Load Gph	10.1	11.4	15.2	15.2	15.2	20.5	20.5	33	33
Coolant Capacity Gal	52.7	54.5	75.9	85.5	75.9	78.4	78.4	106.1	106.1
Oil Capacity with Filters Gal	14.3	9.2	15	40.7	15	28.5	28.5	54	54
Battery	24 VDC/1600 CCA			24 VDC/3200 CCA					

Size									
L x W x H ft	20 x 8 x 9.5	20 x 8 x 9.5	40 x 8 x 9.5	40 x 8 x 9.5	20 x 8 x 9.5	40 x 8 x 9.5	20 x 8 x 9.5	40 x 8 x 9.5	20 x 8 x 9.5
Approx. Wet Weight	22,500 lbs.	20,440 lbs.	37,540 lbs.	37,760 lbs.	35,340 lbs.	38,460 lbs.	36,000 lbs.	46,480 lbs.	38,500 lbs.
Approx. Wet Weight with Trailer	29,980 lbs.	26,920 lbs.	44,280 lbs.	44,500 lbs.	41,900 lbs.	45,200 lbs.	43,480 lbs.	53,220 lbs.	45,980 lbs.

Amps									
Three Phase 208V	1735	1822	2602	2775	2602	N/A	N/A	N/A	N/A
Three Phase 480V	752	789	1128	1202	1128	1504	1504	2258	2258

Features and specifications are subject to change without notice.  
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