

MQ Power Crawford Studio Generators

MODEL	EGS250H	EGS500C3	EGS1200C3	EGS1400C3	EGS1600C3H	EGS1800C3H	EGS2400C3H
Generator							
Design	Revolving field, Self-Ventilated, Drip-Proof, Single Bearing						
No. of poles	4-pole						
Excitation	Brushless with AVR						
Prime rating kW (kVA)	30 (37.5)	60 (75)	120 (150)	168 (210)	192 (240)	215 (268)	285 (356)
Generator RPM	1800						
Voltage - 3 Phase	120/208						
Voltage - 1 Phase	120/240						
Armature connection	12-Lead WYE						
Voltage Regulation (no load to full load)	±1%						
Power Factor	0.8						
Frequency	60 Hertz						
Frequency regulation (steady state load)	±0.25%	±0.5%	±0.25%	±0.25%	±0.25%	±0.25%	±0.25%
Insulation	Class H						
Diesel Engine							
Make / Model	Hatz 4L41C	Cummins QSB5-G3	Cummins QSL9-G2	Cummins QSL9-G2	Cummins QSL9-G2	Cummins QSL9-G2	Cummins QSM11-G4
Emissions	Interim Tier 4	Tier 3	Tier 3	Tier 3	Tier 3	Tier 3	Tier 3
Starting System	Electric						
Design	4 cycle Direct Injection Naturally Aspirated	4 cycle Direct Injection Turbocharged Charge Air Cooled	4 cycle Direct Injection Turbocharged Charge Air Cooled	4 cycle Direct Injection Turbocharged Charge Air Cooled	4 cycle Direct Injection Turbocharged Charge Air Cooled	4 cycle Direct Injection Turbocharged Charge Air Cooled	4 cycle Direct Injection Turbocharged Charge Air Cooled
Displacement	3.4 l (207.4 in. ³)	4.5 l (275 in. ³)	8.8 l (543 in. ³)	8.8 l (543 in. ³)	8.8 l (543 in. ³)	8.8 l (543 in. ³)	10.8 l (661 in. ³)
No. of cylinders	4			6			
Bore x Stroke in. (mm)	4.02 x 4.13 (102 x 105)	4.21 x 4.88 (107 x 124)	4.49 x 5.69 (114 x 145)	4.49 x 5.69 (114 x 145)	4.49 x 5.69 (114 x 145)	4.49 x 5.69 (114 x 145)	4.92 x 5.79 (125 x 147)
HP at Rated Speed	40	126	320	320	320	320	426
Fuel consumption	2.5 (9.5) full load gph (lph) 1.9 (7.2) 3/4 load gph (lph) 1.12 (4.23) 1/2 load gph (lph) .8 (3.0) 1/4 load gph (lph)	6.9 (26) 5.6 (21) 3.9 (15) 2.2 (8)	16.8 (64) 13.4 (51) 9.3 (35) 4.7 (18)	16.8 (64) 13.4 (51) 9.3 (35) 4.7 (18)	16.8 (64) 13.4 (51) 9.3 (35) 4.7 (18)	16.8 (64) 13.4 (51) 9.3 (35) 4.7 (18)	20.7 (78) 15.5 (59) 10.6 (40) 6.3 (24)
Coolant capacity gal. (liters)	(Air Cooled)	4.5 (17)	7.8 (29.5)	7.8 (29.5)	7.8 (29.5)	7.8 (29.5)	TBD
Oil capacity gal. (liters)	4.0 (15.0)	3.2 (12.1)	7 (26.5)	7 (26.5)	7 (26.5)	7 (26.5)	9.7 (36.7)
Battery	12 VDC	12 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Size							
L x W x H in. (cm)	65 x 39 x 45 (165 x 99 x 114)	100 x 48 x 66 (254 x 122 x 168)	100 x 48 x 87 (254 x 122 x 221)	100 x 48 x 87 (254 x 122 x 221)	100 x 48 x 87 (254 x 122 x 221)	100 x 48 x 87 (254 x 122 x 221)	120 x 60 x 109 (305 x 152 x 277)
Approx Net Wt lbs. (kg)	1200 (544)	3500 (1588)	6480 (2939)	6600 (2994)	6600 (2994)	6600 (2994)	9000 (4082)
Amps							
Single phase 120V (Total Current)	250	500	1200	1400	1600	1800	2400
Single phase 240V (Total Current)	166	500	800	933	1066	1200	1600
Three phase 208V (Line Current)	83	167	400	466	533	600	800
Three phase 480V (Line Current)	36	72	173	202	231	260	346
Optional Trailers							
Dimensions in. (cm)	167.5 x 72 x 11.5 (426 x 183 x 29)	167.6 x 72 x 23.5 (426 x 183 x 60)	180 x 72 x 23.5 (457 x 183 x 60)	180 x 72 x 23.5 (457 x 183 x 60)	180 x 72 x 23.5 (457 x 183 x 60)	180 x 72 x 23.5 (457 x 183 x 60)	212 x 84 x 25 (538 x 213 x 64)
No. of Axles	Single axle, electric or hydraulic brakes			Tandem axle, electric or hydraulic brakes			
Fuel Tank Capacity gal. (liters)	60 (227)	100 (379)	150 (567.81)	150 (567.81)	150 (567.81)	150 (567.81)	300 (1,135.62)

