

MQ Power Studio Generators

MODEL	SG600C3	SG1400C3	SG1600C3
Generator			
Design	Revolving field, Self-Ventilated, Drip-Proof, Single Bearing		
No. of Poles	4-pole		
Excitation	Brushless with AVR		
Prime Rating kW (kVA)	72 (90)	168 (210)	
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 Hz		
Frequency Regulation (Steady State Load)	+ - 0.25%	+ - 0.25%	
Insulation	Class H		
Diesel Engine			
Make/Model	Cummins QSB5-G3	Cummins QSB7-G5	
Emissions	Tier 3		
Starting System	Electric		
Design	4 cycle Direct Injection Turbocharged Charge Air Cooled		
Displacement Liters (in3)	4.5 l (275)	6.69 (408)	
No. of Cylinders	4	6	
Bore x Stroke Inch (mm)	4.21 x 4.88 (107 x 124)	4.21 x 4.88 (107 x 124)	
HP at rated speed	126	279	
Fuel Consumption			
Full load gph (lph)	6.9 (26)	13.3 (64)	
3/4 load gph (lph)	5.6 (21)	10.6 (40)	
1/2 load gph (lph)	3.9 (15)	7.6 (30)	
1/4 load gph (lph)	2.2 (8)	4.0 (15)	
Battery	12 VDC	24 VDC	
Size			
L x W x H in (cm)	100 x 48 x 66 (254 x 122 x 168)	100 x 48 x 89 (254 x 122 x 266)	100 x 48 x 87 (254 x 122 x 221)
Approx Net Wt lbs.(KG)	3500 (1588)	5900 (2682)	
Amps			
120 / 240 1 Phase, Line Amps / Total Amps	200 / 400	480 / 960	538 / 1076
120 / 208 3 Phase, Line Amps / Total Amps	200 / 600	466 / 1400	533 / 1600
277 / 480 3 Phase, Line Amps / Total Amps	87 / 261	202 / 606	231 / 693
Optional Trailers			
Dimensions in. (cm)	1676 x 72 x 23.5 (426 x 183 x 60)	180 x 72 x 23.5 (457 x 183 x 60)	
No. of Axes	Single Axle, Electric or Hydraulic Bbrakes	Tandem Axle, Electric or Hydraulic Brakes	
Fuel Tank Capacity gal. (liters)	100 (379)	145 (549)	