

1400 AMP STUDIO SILENT GENERATOR



Rock Solid

When your concert or event requires power and an unplanned shut down is not an option, we have the solution for you. Our units are extremely reliable with built-in redundancy, state-of-the-art components, and a design that is engineered to keep you running for years to come. We provide all of this with hardly making a sound. Wenzlau Engineering's **Studio Silent** generators are designed by Jay Crawford, the pioneer of movie silent generators, and each model operates at extremely low noise levels while providing precise and fail-safe power. The television, motion picture, and events industries depend on our outstanding reliability, engineering, and support. Wenzlau Engineering has a solution for all of your power needs.

WENZLAU
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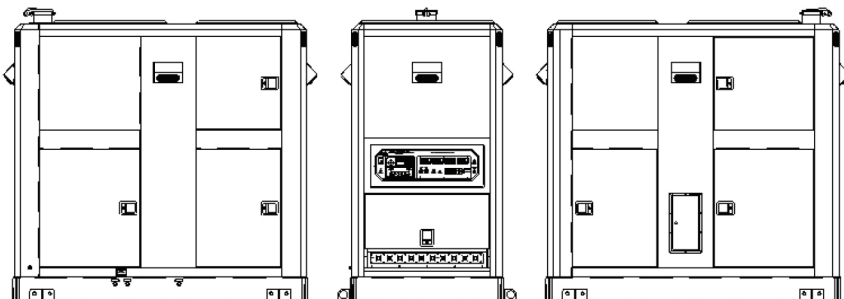
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Features include a super critical sound attenuation design including automatic overhead doors with sound baffles, two critical exhaust silencers in series, oversized radiator with variable speed and high-efficiency fan, two layers of acoustical insulation, and engine mounting isolators to eliminate vibration. Each unit is customizable including power connector types, output voltage, parallel operation, paint colors, and mounting configurations.

1400 AMP

Output			
Voltage:	120/240 VAC	120/208 VAC	277/480 VAC
Power:	175 kW (220 kVA)		
Amps per Line:	600 A	466 A	262 A
Amps Total:	1200 A	1400 A	N/A
Phases:	1	3	3
Frequency:	60 Hz		
Diesel Engine			
Manufacturer:	Cummins		
Model:	QSB7-G4		
Type:	Tier 3, diesel, 6-cylinder, 4-cycle, liquid-cooled, turbocharged, & intercooled		
Operating Speed:	1800 rpm		
Fuel Consumption:	12.2 gal/hr (at max load)		
AC Alternator			
Manufacturer:	Marathon Electric		
Model:	MagnaPlus 431PSL6208		
Type:	Single bearing, 4-pole, brushless, permanent magnet, rotating field, & externally regulated		
Voltage Regulator			
Manufacturer:	Marathon Electric		
Model:	APR63-5		
Type:	Solid State		
Generator Controller			
Manufacturer:	Deep Sea Electronics		
Model:	DSE7310		
Protection:	Short circuit protection, overload protection, overspeed protection, & overcrank protection		
Shutdown:	Low oil pressure shutdown, low coolant level shutdown, & high engine temperature shutdown		



Gross Weight (approx.):	6,500 lbs.
Height (transport):	95.0 in.
Height (operation, max):	115.0 in.
Length (transport):	102.0 in.
Length (operation, max):	160.0 in.
Width (transport):	50.0 in.
Width (operation, max):	115.0 in.
Sound Level (at 7 meters):	53 dbA