

Sound-attenuated Mobile Generators

kwiet
POWER
Shindaiwa Generators

Add a silent partner to your business



shindaiwa
Construction Products

Shindaiwa reduces sound levels while keeping generators cost-competitive.

Ultra-Quiet is a unique technology that significantly reduces generator sound levels.

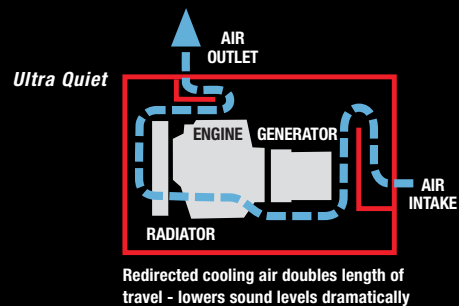
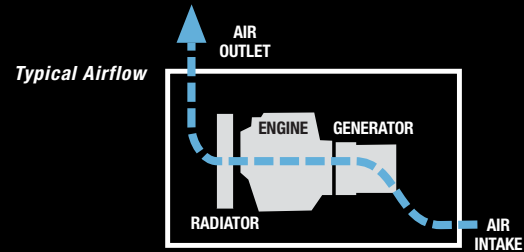
Shindaiwa uses air dams and insulated panels to re-direct cooling air, doubling length-of-travel to minimize airflow noise.

The generator enclosure features thicker panels

– with special attention to door panels – and engineered sound-absorbing foam. The result is lower sound levels as well as increased unit rigidity.

Specially tuned muffler and a longer exhaust pipe achieve improved balance of high and low noise frequencies.

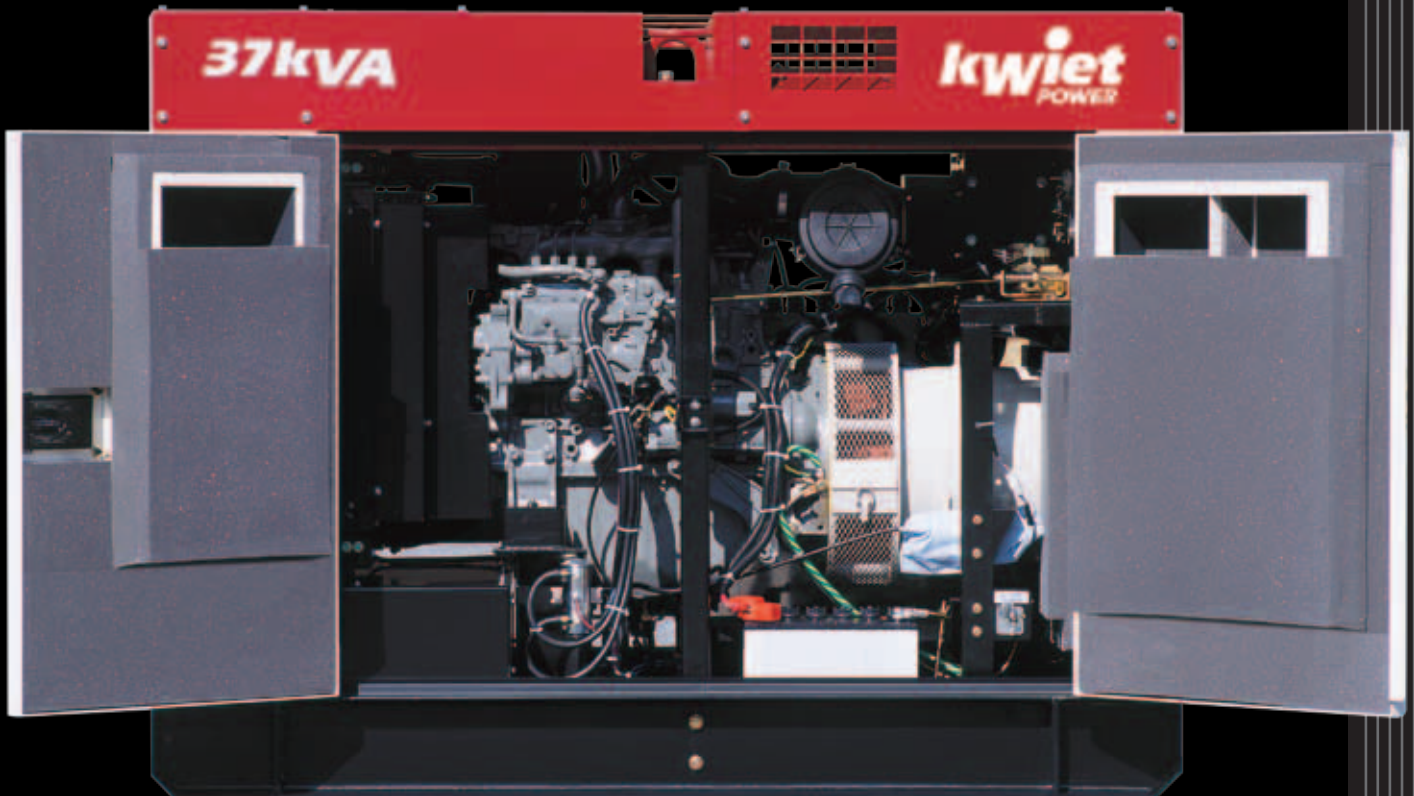
As an example, thanks to Ultra-Quiet technology, the DGA20D produces only 51dBA at full load at 7 metres. That's less than level of sound produced by casual conversation!



- Special sound-absorbing material on nearly every surface, including doors.
- Enclosure is made of heavy gauge steel.
- Airflow throughout the enclosure is redirected by steel baffles and air dams to double its

length of travel. Plus, the longer air stays in the enclosure, the better it transfers heat.

- All doors feature special sealing material for added sound reduction.



kWiet Power-the most quiet, lightweight and mobile generators.

kWiet Power sound-attenuated mobile generators combine design simplicity with uncompromising standards of engineering and manufacturing excellence.

FEATURES

- All kWiet Power generators feature rugged, fuel-efficient Isuzu diesel engines, a kWiet Power exclusive.
- Ultra quiet thanks to advanced sound-absorbing technology.
- kWiet Power generators are lightweight and compact to fit into tight spaces.
- All engines meet current EPA emission standards.
- Provides both single and three-phase output.
- Low oil pressure and high coolant temperature automatic shut-downs.
- Thermal relay opens main circuit breaker to protect generator in case of overload.
- Durable all-weather outer enclosure with powder coated exterior and stainless steel fasteners throughout provide protection against corrosion.
- Two-way tank valve for easy connection with auxiliary tanks.
- Bundled 24 hours fuel tank available for each unit.



Powered by Isuzu diesel engines.



DG1000MI

80kVA/72kW 3-phase

DGA20C

20kVA/16kW 3-phase

DGA37C

37kVA/29.6kW 3-phase

DGA12D

12kVA/9.6kW 3-phase

DGK150D

120kVA/96kW 3-phase

kWiet Power Generator Specification



GENERATOR MODEL	DGA12D	DGA20E	DGA37C	DGA50C	DG1000MI	DGK150D
Frequency (Hz)	50	50	50	50	50	50
Rated Output (kVA/kW)	12/9.6	20/16	37/29.6	50/40	80/72	120/96
Rated Voltage (V)	415/240					
Rated Current (A)	16.7	28	51	69	111	166
Outlets (1 Phase)	3 x 15A	3 X 15A	3 x 15A	3 x 15A	Buzz Bar Only	Buzz Bar Only
(3 Phase)	1 x 20A	1 x 20A	1 x 20A/ 2 x 32A	1 x 50A/ 1 x 32A	Buzz Bar Only	Buzz Bar Only
Number of Poles	4 1 x 20A					
Rated Power Factor	0.8 (Lagging)					
Sound Level @ 7Meters dB(A)	51	51	53	56	56	59
DIESEL ENGINE						
Model	Kubota D1703	ISUZU 4LE1	ISUZU 4JGIT	ISUZU 4BG1T	ISUZU 6BG1T	ISUZU 6HK1TC
Emission Rating	Tier 3	Tier 3	Tier 2	Tier 3	Tier 3	Tier 3
Air Induction System	N/A	N/A	Turbocharged	Turbocharged	Turbo Intercooled	Turbo Intercooled
Number of Cylinders	4	4	4	4	6	6
Bore and Stroke mm x mm	87x92.4	85 x96	95.4 x 107	105 x 125	105 x 125	115 x 125
Displacement (L)	1.647	2.179	3.059	4.329	6.494	7.79
Rated Output (kW)	12.4	19.1	35.4	48.5	89.9	142
Rated Speed (RPM)	1500					
Fuel	Diesel					
Fuel Consumption 75% L/Hr	2.61	4.2	6.6	8.6	14.4	25
Fuel Tank Capacity (L)	60	65	124	160	219	280
Lubrication Volume (L)	8.2	8.5	10	10	22	38
PHYSICAL CHARACTERISTICS						
Shutdowns	Oil Pressure & Water temperature lamp indication with Shutdown					
Warnings	Battery Charge with Lamp indication					
Dimensions (LxWxH) (mm)	1350 x 780 x 1140	1750 x 650 x 915	1770 x 920 x 1350	2000 x 950 x 1430	2750 x 1000 x 1400	3450 x 1240 x 1850
Dry Weight (kg)	680	617	1140	1420	1850	2950

All machines can be supplied with bundled 24 hour fuel tanks complete with fork lift tubes.

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