

DGA50CM Diesel Generator

RED TOP Series



SPECIFICATION

Electrical Data

Rated frequency	Hz	50
Rated voltage	V	415
Rated output	kVA/kW	50/40
Rated current	A	69
Rated power factor		0.8
Outlets ^a (1 phase)		3 x 15A
(3 phase)		1 x 50A / 2 x 32A

Engine

Model		Isuzu 4BGIT
Emissions rating		Tier 2
Air induction system		Turbocharged
Number of cylinders		4
Bore and stroke	mm	105 x 125
Displacement	L	4.329
Rated output	kW	48.5
Rated speed	RPM	1500
Fuel		Diesel
Fuel consumption	Load	25% 50% 75% 100%
	L/Hr	3.0 5.9 8.3 11.8
Fuel capacity (Std.)	L	160
Fuel capacity (LRB) ^b	L	398
Lubrication volume	L	10

Sound level

Sound level @ 7 mtr	dB(A)	56
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Dimensions and weight

Dimensions (L x W x H)	mm	2000 x 950 x 1430 ^c 2060 x 960 x 2020 ^d
Dry weight	kg	1431 ^d 1980 ^e

Physical characteristics

Shutdowns	Oil pressure and water temperature lamp indication with shutdown
Warnings	Battery charge with lamp indication
Bundling ^b	Fully bundled to 130% of total fluids in machine
Protection	Battery isolator and Emergency Stop

- a. Outlet configurations shown here are standard. Outlet configurations are fully customisable to customer requirements.
 b. When an optional long range bundled (LRB) fuel tank is fitted.
 c. Standard dimensions and weight.
 d. Long Run Bund Tank dimensions and weight.

Upgrades Available: Additional outlets; Busbar; Long Run Bund Tank; Mine Spec; and more.

**Please note: Details, including technical specifications, are correct at the time of printing, subject to change without notice. Every reasonable effort has been made to ensure the information in this brochure is accurate. APS accepts no liability or responsibility for any errors or omissions occurring in or from this brochure.*

Shindaiwa's DGA Series (Red Top Series) sound-attenuated mobile generators are the quietest mobile generators on the market.

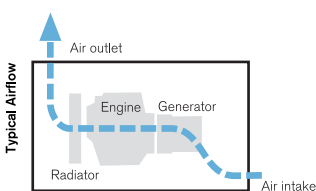
- Rugged, fuel-efficient Isuzu diesel engine. Meets current emission standards.
- Ultra quiet thanks to advanced sound-absorbing technology – 56dB(A) @ 7 metres.
- Lightweight, compact design to fit tight spaces.
- Single and three-phase protected outputs.
- Low oil pressure and high coolant temperature automatic shut-downs.
- Thermal relay opens main circuit breaker to protect generator in case of overload.
- All-weather outer enclosure with powder coated exterior and stainless steel fasteners throughout.
- Two-way tank valve for easy connection with auxiliary tanks.
- Up to 48 hours with Long Range Bunded (LRB) fuel tanks.



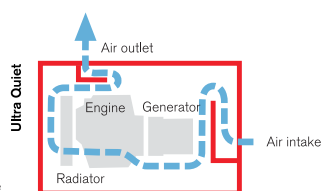
Ultra-Quiet is a unique technology that minimises generator sound levels. An engineered enclosure, coupled with the use of specifically designed air dams and noise absorbent insulated panels, redirects the cooling air. This doubles the distance

air must travel through the enclosure, significantly reducing engine noise.

All Shindaiwa generator enclosures feature thicker panels – with special attention to the door panels, engineered sound absorbing foam and hardware. The result is lower sound levels as well as increased unit rigidity. A specially tuned muffler, plus the longer internal exhaust pipe achieve an improved balance of high and low noise frequencies.



Cooling air passes nearly straight through - conventional sound reduction



Redirected cooling air doubles length of travel - lowers sound level dramatically

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