

# DG50MK-P/ANZ

## Diesel Generator

**WHITE Series**

## SPECIFICATION



**Shindaiwa's DGMKM Series (White Series) sound-attenuated mobile generators combine design simplicity with uncompromising engineering standards and manufacturing excellence.**

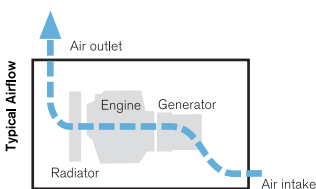
- Kubota diesel engines for exceptional fuel economy. Meets current emission standards.
- Quiet operation thanks to advanced sound-absorbing technology - as little as 58dB(A) @ 7m.
- Lightweight, compact to fit tight spaces.
- Provides both multiple single and three-phase outlets, individually RCD protected.
- Low oil pressure, high coolant temperature and charge automatic shut-downs.
- All-weather outerenclosure with powder coated exterior and stainless steel fasteners throughout.
- Two-way tank valve for connection to auxiliary tanks.
- Long Range Bunded fuel tanks standard.



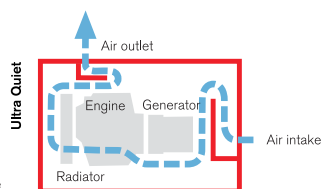
**Ultra-Quiet** is a unique technology that minimises generator sound levels. An engineered enclosure, coupled with the use of specifically designed air dams and noise absorbent insulated panels, redirects the cooling air. This doubles the distance

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

### Electrical Data

Rated frequency	Hz	50
Rated voltage	V	415
Rated output	kVA/kW	50/40
Rated current	A	69.6
Rated power factor		0.8
Outlets <sup>a</sup> (1 phase)		3 x 15A
(3 phase)		1 x 20A / 1 x 32A / 1 x 50A

### Engine

Model		Kubota V3800DI-T (intercooled)			
Emissions rating		Tier 3			
Air induction system		Direct injection			
Number of cylinders		4			
Bore and stroke	mm	100 x 120			
Displacement	L	3.769			
Rated output	kW	49.2			
Rated speed	RPM	1500			
Fuel		Diesel			
Fuel consumption	Load	25%	50%	75%	100%
	L/Hr	2.2	5.0	6.8	9.2
Fuel capacity	L	420			
Lubrication volume	L	12.5			

### Sound level

Sound level @ 7 mtr	dB(A)	57
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### Dimensions and weight

Dimensions (L x W x H)	mm	1970 x 880 x 1665
Dry weight	kg	1315

### Physical characteristics

Shutdowns	Oil pressure and water temperature lamp indication with shutdown
Warnings	Battery charge with lamp indication
Bunding	Fully banded to 110% of total fluids in machine
Protection	Battery isolator and Emergency Stop
Auto start module	Direct Wire terminal block

a. Outlet configurations shown here are standard. Outlet configurations are fully customisable to customer requirements.

**Upgrades Available:** Additional outlets; Busbar; 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.*

### INDUSTRIAL WELDERS AND GENERATORS

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