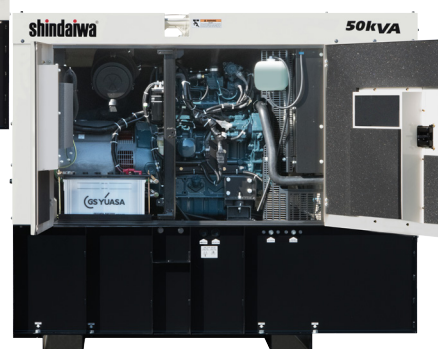


Diesel Engine Driven Generator

shindaiwa®



DG50MKM-P/ANZ



SPECIFICATIONS

Model		DG50MKM-P/ANZ
Alternator	Generating Type	Rotating Field, Brushless 3-Phase Synchronous Alternator
	Rated Frequency (Hz)	50
	Rated Output (kVA / kW)	50 / 40
	Rated Voltage (V)	415
	Rated Current (A)	69.6
	Winding	3-Phase, 4-Wire
	Power factor (%)	80
	Insulation Class	F
	Excitation	Self-Excitation(Brushless)
	No. of Poles	4
Unit	Length (mm)	1970
	Width (mm)	880
	Height (mm)	1665
	Dry Weight (kg)	1315
	Installed Weight (kg)	1705
	Sound Level(dB(A)) 7m Distance, No Load	58

Powered by
Kubota

Model		DG50MKM-P/ANZ
Engine	Model	Kubota V3800DI-TI
	Type	Vertical Water-Cooled 4-Cycle Diesel Engine
	No. of Cylinders (Bore x Stroke)(mm)	4 (100 x 120)
	Continuous Rated Output (kW / PS)	49.2 / 66.9
	Rated Speed (min ⁻¹)	1500
	Displacement (L)	3.769
	Combustion System	Direct Fuel Injection with Turbo Charger
	Cooling Method	Radiator
	Lubricating Method	Forced Lubrication
	Starting Method	Electric Start
	Fuel	Diesel Fuel (ASTM No. 2-D)
	Fuel Consumption (L/h)	50% Load 5.9
		75% Load 8.7
	Lubricant Oil	CF Class
	Fuel Tank Capacity (L)	420
	Lubricant Volume (Full)(L)	13.2
	Cooling Water Volume (L)	12.5
	Starting Motor Capacity (V-kW)	12 - 3.0
	Charging Dynamo Capacity (V-A)	12 - 80
	Battery	130E41R

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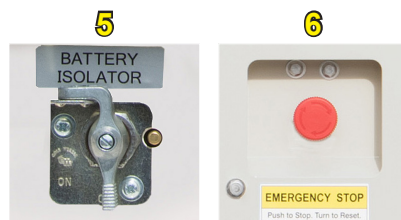
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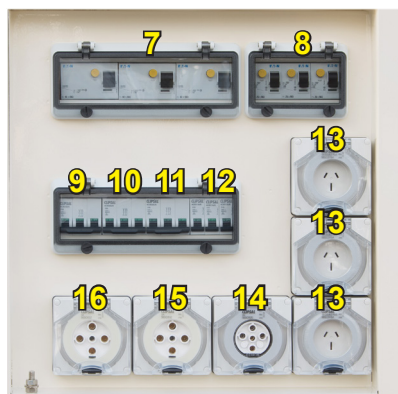
CONTROL PANEL



1. Controller
2. Power Switch / Air Bleeding
3. Voltage Regulator
4. Main Circuit Breaker
5. Battery Isolator
6. Emergency Stop Button



AC Output Panel



7. 3-Phase Earth Leakage Circuit Breaker (ELCB)
8. 1-Phase Earth Leakage Circuit Breaker (ELCB)
9. 3-Phase Breaker (50A)
10. 3-Phase Breaker (32A)
11. 3-Phase Breaker (20A)
12. 1-Phase Breaker (15A)
13. 1-Phase Receptacle (15A)
14. 3-Phase Receptacle (20A)
15. 3-Phase Receptacle (32A)
16. 3-Phase Receptacle (50A)

FEATURES

Battery Isolator

Switching to OFF fully isolates the battery, preventing activation of the engine's electrical system and eliminating standby power draw.

Low noise

Minimal operating noise with a top-class low noise level. Ideal for communication and reducing worker fatigue at worksites.

Spill Containment

Prevents fuel and oil leakage into rivers or soil. Rain-resistant design helps protect during operation.

Large Fuel Tank

The high-capacity fuel tank allows for extended operation between refuelling, delivering up to 71 hours of continuous runtime at 50% load.

Robust alternator

In-house designed and manufactured brushless alternator ensures reliable performance, even in sandy, dusty, and extreme heat condition.

Reliable engine

Kubota V3800DI-T1 one of the most hardworking, efficient and cleanest running diesel engines on the market.

Emergency Stop

Allows immediate engine shutdown in emergency situations, helping to quickly reduce risk and protect personnel and equipment.