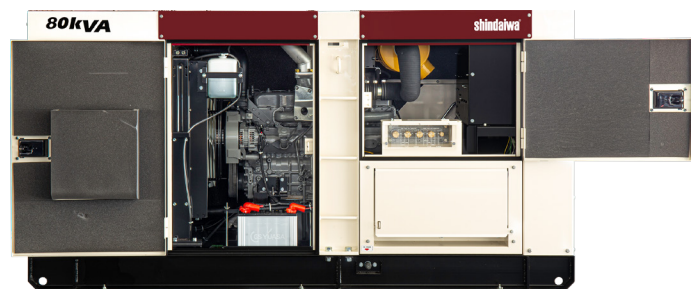
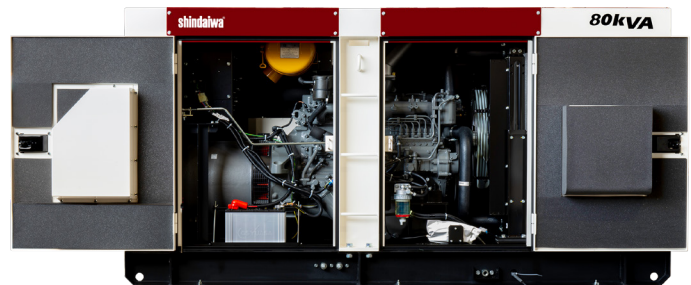


Diesel Engine Driven Generator

shindaiwa®



DG1000MIM/ANZ



SPECIFICATIONS

Model		DG1000MIM/ANZ
Alternator	Generating Type	Rotating Field, Brushless 3-Phase Synchronous Alternator
	Rated Frequency (Hz)	50
	Rated Output (kVA / kW)	80 / 64
	Rated Voltage (V)	415
	Rated Current (A)	111
	Winding	3-Phase, 4-Wire
	Power Factor (%)	80
	Insulation Class	H
	Excitation	Self-Excitation (Brushless)
	No. of Poles	4
Unit	Length (mm)	2750
	Width (mm)	1000
	Height (mm)	1400
	Dry Weight (kg)	1800
	Installed Weight (kg)	2041
	Sound Level(dB(A)) 7m Distance, No Load	59

Powered by
ISUZU

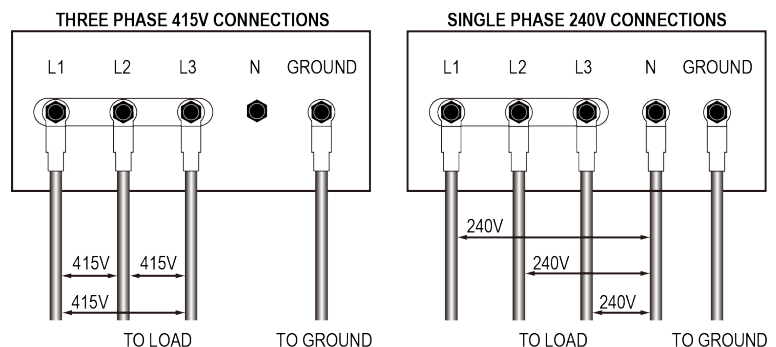
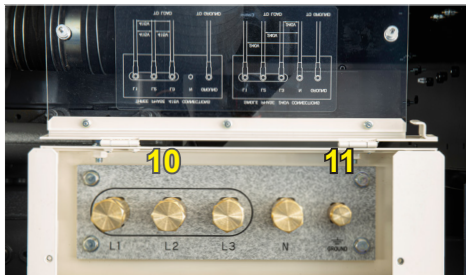
Model		DG1000MIM/ANZ
Engine	Model	ISUZU DD-6BG1T
	Type	Vertical, Water-Cooled 4-Cycle Diesel Engine
	No. of Cylinders (Bore x Stroke)(mm)	6 (105 x 125)
	Continuous Rated Output (kW / PS)	73.1 / 99.4
	Rated Speed (min ⁻¹)	1500
	Displacement (L)	6.494
	Combustion System	Direct Fuel Injection with Turbo 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 9.5
		75% Load 13.7
	Lubricant Oil	CD Class
	Fuel Tank Capacity (L)	219
	Lubricant Volume (Full)	22
	Cooling Water Volume (L)	22.8
	Starting Motor Capacity (V-kW)	24 - 4.5
	Charging Dynamo Capacity (V-A)	24 - 30
	Battery	95D31R x2

CONTROL PANEL



1. Circuit Breaker
2. Earth Leakage Relay
3. Controller
4. Voltage Regulator
5. Power Switch / Air Bleeding
6. Battery Isolator
7. Emergency Stop Button
8. Frequency Adjust Screw
9. Throttle Lever
10. 3-Phase Output Terminal
11. Bonnet Grounding Terminal

Main terminal board



Safety interlock

Automatically detects the terminal cover position to control access. Power is instantly shut off when the cover is opened, preventing electrical hazards.

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.

Emergency Stop

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

Robust alternator

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

Reliable engine **Powered by ISUZU**

ISUZU DD-6BG1T is a turbocharged diesel engine known for its strong performance, reliability, and efficiency in demanding industrial applications.

Phase overload protection

Current detection is performed on all three phases: L1, L2, and L3 - enabling overcurrent protection for L1-N, L2-N, L3-N, and even L2-L3 outputs. This ensures reliable protection regardless of where the load is connected in the three-phase system.