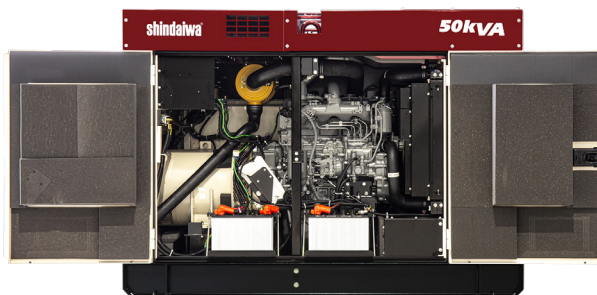




DGA50CM



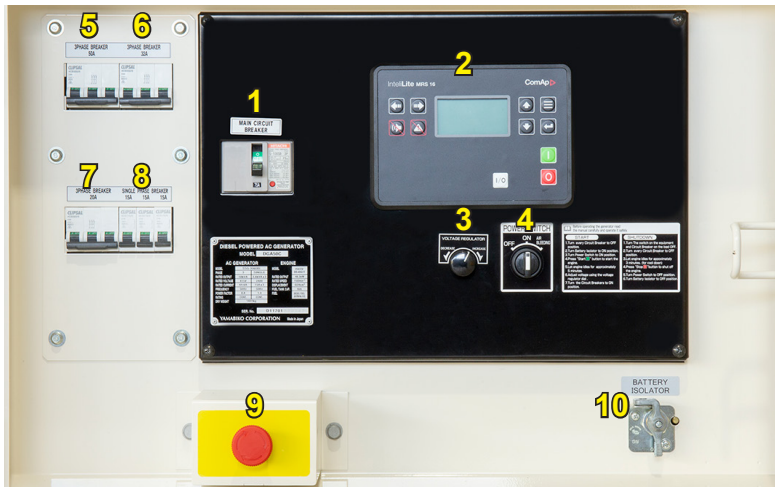
SPECIFICATIONS

Model		DGA50CM
Generator	Generating Method	Rotating Field, Brushless 3-Phase Synchronous Generator
	Rated Frequency (Hz)	50
	Rated Output (kVA / kW)	50 / 40
	Rated Voltage (V)	415
	Rated Current (A)	69.6
	Rated Speed (min ⁻¹)	1500
	Phase & Wiring	3-Phase 3-Wire
	Power Factor (%)	80
	Insulation Class	Alternator : F Exciter : B
	Exciting Method	Self-Excitation(Brushless)
	Poles	4
Unit	Length (mm)	2000
	Width (mm)	950
	Height (mm)	1430
	Dry Weight (kg)	1431
	Installed Weight (kg)	1590
	Sound Level(dB(A)) 7m Distance, No Load	54

Powered by ISUZU

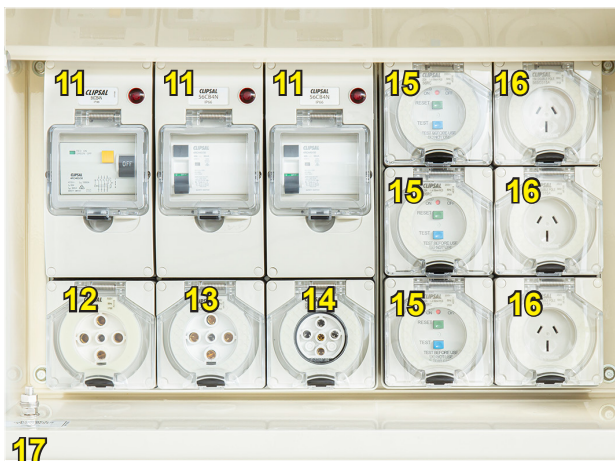
Model			DGA50CM
Engine	Model		Isuzu BB-4BG1T
	Method		Vertical Water-Cooled 4-Cycle Diesel Engine
	Cylinder-Bore x Stroke (mm)		4 - 105 x 125
	Continuous Rated Output (kW / PS)		48.5 / 66.0
	Speed (min ⁻¹)		1500
	Displacement (L)		4.329
	Combustion Method		Direct Injection(Turbo-Charged)
	Cooling Method		Water-Cooling Radiator
	Lubricating		Trochoid Pump, Force-Feed Lubrication
	Starting		Starter Motor
	Fuel		Diesel
	Fuel Consumption (L/h)	50% Load	5.9
		75% Load	8.3
	Oil		SAE Class CD or Higher
	Fuel Tank Capacity (L)		160
	Lubricant Volume (L)		13.2 (Including Filter 1.1L)
	Coolant Volume (L)		17 (Including Sub-Tank 1.5L)
	Starter Motor Cap. (V-kW)		24 - 4.5
Alternator Cap. (V-A)		24 - 20	
Battery		95D31R x 2	

CONTROL PANEL



1. Main Circuit Breaker
2. Controller
3. Voltage Regulator
4. Power Switch / Air Bleeding
5. 3-Phase Breaker (50A)
6. 3-Phase Breaker (32A)
7. 3-Phase Breaker (20A)
8. 1-Phase Breaker (15A)
9. Emergency Stop Button
10. Battery Isolator

AC Output Panel



11. 3-Phase RCCB
12. 3-Phase Receptacle (50A)
13. 3-Phase Receptacle (32A)
14. 3-Phase Receptacle (20A)
15. 1-Phase RCCB
16. 1-Phase Receptacle (15A)
17. Bonnet Grounding Terminal

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.

RCCB

Each receptacle, 3-Phase and 1-Phase is incorporated with RCCB respectively. When current leak occurs, it trips to stop power transmission to load.

Robust alternator

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

Powered by

Reliable engine **ISUZU**

Isuzu BB-4BG1T 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.