



SPECIFICATIONS

GENERATOR						
Generator Type		Revolving magnetic field		Winding	3-Phase, 4 wire	
Rated Frequency	Hz	50	60	Power Factor	%	3-Phase 80, 1-Phase 100
Rated Output	kVA	50	60	Insulation Class		F
	kW	40	48	Excitation		Self-Excitation (Brushless)
Rated Voltage	V	200[400]	220[440]	Number of Pole		4
Rated Current	A	144[72]	157[78.5]			
UNIT						
Length	mm	2090		Dry Weight	kg	1180
Width	mm	880		Installed Weight	kg	1320
Height	mm	1240		Sound Level	dB(A)	59 (50Hz)
						62 (60Hz)
ENGINE						
Type		Vertical Water Cooled		Fuel Consumption	L/Hr	8.7 (50Hz)
Model		4BG1T (ISUZU)		@3/4Load		10.7 (60Hz)
Number of Cylinders	mm	4, 105 (bore) x 125 (stroke)		Fuel		Diesel Fuel (ASTOM No. 2D)
Continuous Rated Output	kW	48.3	57.8	Lubricant Oil		CD Class
	PS	65.7	78.6	Fuel Tank Capacity		125
Rated Speed	min-1	1500	1800	Lubricant Volume	L	14.3
Displacement	L	4.329		Cooling Water Volume	L	15.4
Combustion System		Direct Fuel Injection		Starting Motor Capacity	V-kW	12-2.5
Cooling Method		Radiator		Charging Dynamo Capacity	V-W	12-35
Lubricating Method		Forced Lubrication		Battery		95D31R
Starting Method		Electric Start				

CONTROL PANEL



1. Hour Meter
2. Pilot Lamp
3. Earth Leakage Relay
4. Warning Indicators
5. Voltmeter
6. Ammeter
7. Frequency Meter
8. Circuit Breaker
9. Fuel Gauge
10. 400/440V Output Lamp
11. Over Load Precaution Lamp
12. Preheat Lamp
13. Water Temperature Gauge
14. Voltage Regulator
15. Ammeter Selector
16. Starter Switch
17. Throttle Lever
18. Frequency Adjusting Screw

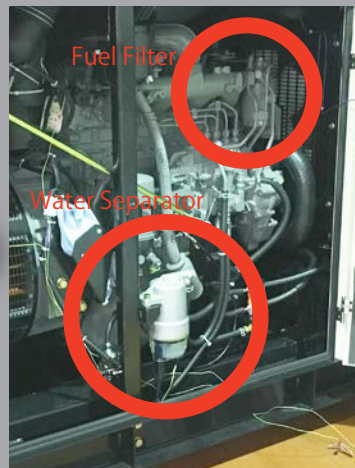
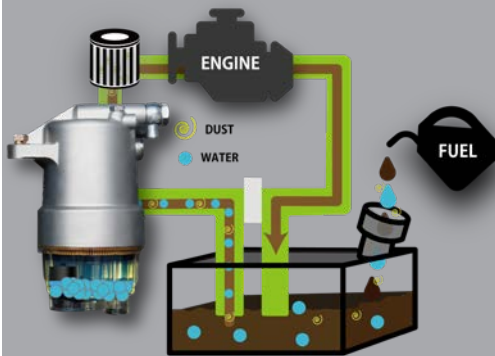


19. 3-Phase 5 pins 32A
20. 3-Phase 5 pins 16A
21. 1-Phase 3 pins 16A

FEATURES

Double Fuel Filtration System

The unit has two fuel filtration; one is a fuel filter and the other is a water separator with enhanced water filtration capacity. Elimination of debris such as water, sand, and dust is ensured by double fuel filtration system, and reduces maintenance frequency.



Over load precaution lamp



The lamp starts to flash if the output current exceeds 80% of the rated current.



Reliable ISUZU Engine

DG60MI is equipped with ISUZU 4BG1T, Tier 2 engine. As ISUZU service network covers the world, it offers extensive services which includes parts replacement and repair.



Socket for Industrial Use

Socket for industrial use (IP44) widely used at job site, is equipped as standard. It is ready-to-use because it requires no reform.

