

shindaiwa®

DG60MI-400



Specifications

GENERATOR

Generator Type	Revolving magnetic field, Brushless 3-Phase Synchronous		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	400 [200] 440 [220]	Number of Poles	4
Rated Current	A	72 [144] 78.5 [157]		

UNIT

Length	mm	2090	Dry Weight	kg	1180
Width	mm	880	Installed Weight	kg	1320
Height	mm	1240	Sound Level dB(A)	50Hz	59
			@7m distance/No load	60Hz	62

ENGINE

Types	Vertical Water-Cooled 4-Cycle Diesel Engine		Fuel Consumption L/Hr	50Hz	8.7
Model	4BG1T (ISUZU)		@3/4 load	60Hz	10.7
Number of Cylinders	4, 105 (bore) x 125 (stroke) mm		Fuel	Diesel Fuel (ASTM No. 2-D)	
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 with Turbo Charger		Starting Motor Capacity	V-kW	12-2.5
Cooling Method	Radiator		Charging Dynamo Capacity	V-A	12-35
Lubricating Method	Forced lubrication		Battery	95D31R	
Starting Method	Electric Start				

Powered by



ISUZU

DG60MI-400

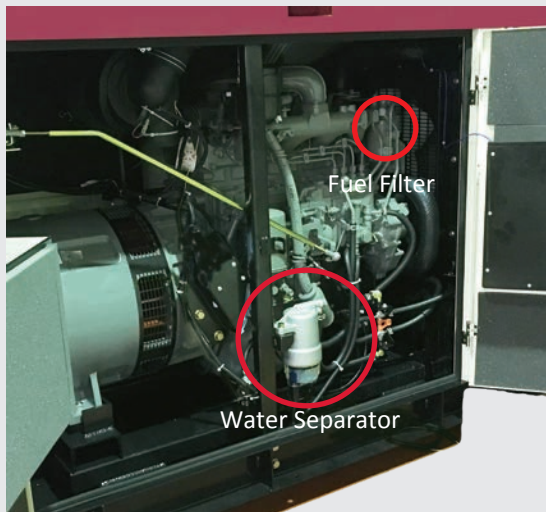
Control Panel



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

Features

Double Fuel Filtration System



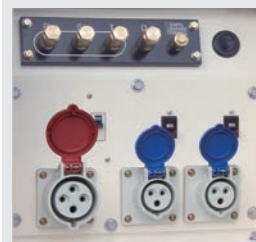
The unit has two fuel filtration; one is a fuel filter and the other is a water separator with enhanced water filtration capability. Elimination of debris such as water, sand, and dust is ensured by double fuel filtration system, and reduces maintenance frequency.

Over Load Precaution Lamp



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

Socket for Industrial Use



Socket for industrial use (IP44)^{*1}, widely used at job site, is equipped as standard. It is ready-to-use for “turn-key” operation.

^{*1} 3-Phase round 4 pins (32A) x1
1-Phase round 3 pins (15A) x2

Theft Protection

Every door can be locked.

Simple Control Panel

As the functions are limited to the minimum necessary levels, arrangement of the control panel is simplified, thereby reducing the risk of an improper operation.

Reliable ISUZU Engine

DG60MI-400 is equipped with ISUZU BB4B1T.

As ISUZU service network covers the world, it offers extensive services, periodical inspection, and repair.

