

**shindaiwa**<sup>®</sup>

**DG60MI-400/R**



## Specifications

### GENERATOR

Generator Type	Revolving magnetic field, Brushless 3-Phase Synchronous		Winding	3-Phase, 4-Wire
Rated Frequency	Hz	50      60	Power Factor	%      80
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

### UNIT

*\*Reference value*

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

### ENGINE

*\*Reference value*

Types	Vertical Water-Cooled 4-Cycle Diesel Engine		Fuel Consumption L/Hr	50Hz	8.7*
Model	BB-4BG1T (ISUZU)		@3/4 load	60Hz	10.7*
Number of Cylinders	4, 105 (bore) x 125 (stroke) mm		Fuel	Diesel Fuel	
Continuous Rated Output	kW	48.3      57.8	Lubricant Oil	CD Class	
Rated Speed	min <sup>-1</sup>	1500      1800	Fuel Tank Capacity	125	
Displacement	L	4.329	Lubricant Volume	L	14.3
Combustion System	Direct Fuel Injection with Turbo Charger		Cooling Water Volume	L	15.4
Cooling Method	Radiator		Battery	95D31R	
Lubricating Method	Full Forced Pressure Feed Type				
Starting Method	Electric Start				

Powered by



**ISUZU**

# DG60MI-400/R

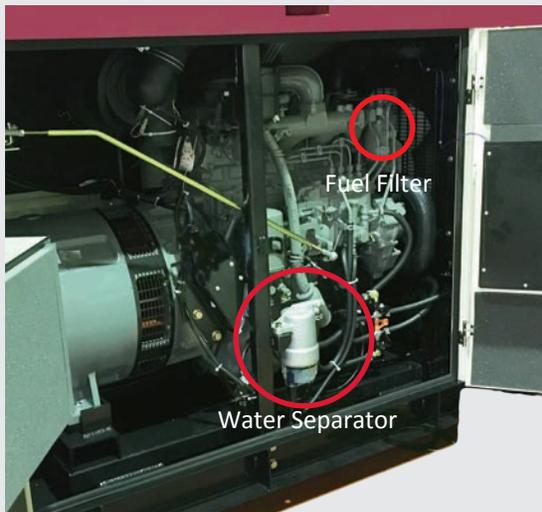
## Control Panel



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)<sup>\*1</sup>, widely used at job site, is equipped as standard. It is ready-to-use for “turn-key” operation.

<sup>\*1</sup> 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.

