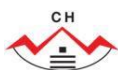


GENERATOR



Technical Specifications

BRAND & MODEL	SHINDAIWA DG60MI		
Frequency	Hz	50	60
Output Rating	Prime (kVA)	50	60
	Standby (kVA)	55	66
No. of Phase	3 Phase, 4 Wire		
Rated Voltage	V	Dual Voltage 400/230	
Power Factor	0.8 (Lagging)		
Voltage Regulation	With ± 0.5		
Excitation	Brushless, Rotating Exciter (with A.V.R)		
Insulation	Class F		
ENGINE			
Make & Model	ISUZU BB-4BG1T		
Type	Direct Injection, Turbo Charged		
Output Rating	kW/rpm	48.3/1500 (50Hz)	57.8/1800 (60Hz)
No. of Cylinder	4		
Position Displacement	L	4.329	
Fuel Type	ASTM No.2 Diesel Fuel or Equivalent		
Fuel Consumption	L/h	8.7 (50Hz)	10.7 (60Hz)
LUB Oil Pump Capacity	L	14.3	
Coolant Capacity	L	15.4	
Battery x Quantity	95D31R x1		
Fuel Tank Capacity	L	125	
UNIT			
Dimensions L x W x H	mm	2090 x 880 x 1240	
Dry Weight	kg	1180	
Sound Level @ 7m	db(A)	59 (50Hz)	62 (60Hz)



shindaiwa®

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 60Hz	59* 62*

ENGINE

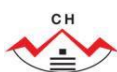
*Reference value

Types	Vertical Water-Cooled 4-Cycle Diesel Engine		Fuel Consumption L/Hr	50Hz 60Hz	8.7* 10.7*
Model	BB-4BG1T (ISUZU)		Fuel	Diesel Fuel	
Number of Cylinders	4, 105 (bore) x 125 (stroke) mm		Lubricant Oil	CD Class	
Continuous Rated Output	kW	48.3 57.8	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		Battery	95D31R	
Cooling Method	Radiator				
Lubricating Method	Full Forced Pressure Feed Type				
Starting Method	Electric Start				

Powered by



ISUZU



Diesel Engine Driven Generator

DG60MI-400/R

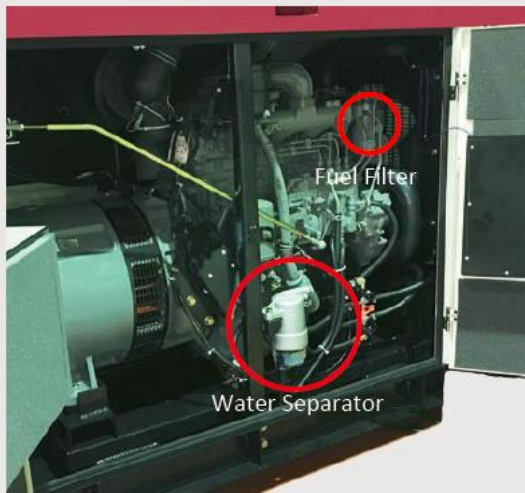
Control Panel



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)^{*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.

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.

