

# shindaiwa®

# DG45MK-400



## Specifications

### GENERATOR

Generating Type	Rotating Field, Brushless 3-Phase Synchronous Alternator		Winding	3-Phase, 4-Wire
Rated Frequency	Hz	50      60	Power Factor	%      3-Phase 80、 1-Phase 100
Rated Output	kVA	37      45	Insulation Class	F
	kW	29.6      36	Excitation	Self-Excitation (Brushless)
Rated Voltage	V	400 [200]      440 [220]	Number of Poles	4
Rated Current	A	53.4 [106.8]      59.0 [118.1]		
3-Phase Receptacle Output	kVA	22.2/24.4		
1-Phase Receptacle Output	kW	3.5x2/3.6x2		

### UNIT

Length	mm	1750	Dry Weight	kg	1025
Width	mm	880	Installed Weight	kg	1145
Height	mm	1415	Sound Level @7m distance/No load	50Hz	55
				60Hz	57

### ENGINE

Types	Vertical Water-Cooled 4-Cycle Diesel Engine		Fuel Consumption @3/4 load	L/Hr	50Hz      60Hz	6.6      8.1
Model	V3800DI-T (Kubota)		Fuel	Diesel Fuel (ASTM No.2-D)		
Number of Cylinders	4、 100 (bore) x 120 (stroke)		Lubricant Oil	CD Class		
Continuous Rated Output	kW	38.0      45.6	Fuel Tank Capacity	105		
	PS	51.7      62.0	Lubricant Volume	L	13.2	
Rated Speed	min-1	1500      1800	Cooling Water Volume	L	12.5	
Displacement	L	3.769	Starting Motor Capacity	V-kW	12-2.5	
Combustion System	Direct Fuel Injection with Turbo Charger		Charging Dynamo Capacity	V-A	12-30	
Cooling Method	Radiator		Battery	80D26R		
Lubricating Method	Forced Lubrication					
Starting Method	Electric Start					

Powered by **Kubota**

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## Control Panel



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

## Features

### Over Load Precaution Lamp



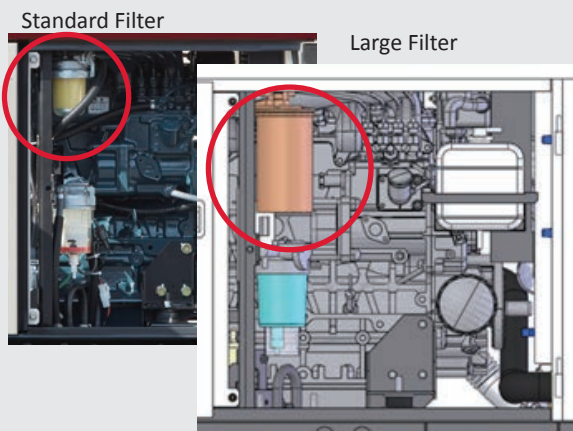
The lamp starts to flash if the output current exceeds 80% of the rated current.

### Large Water Separator



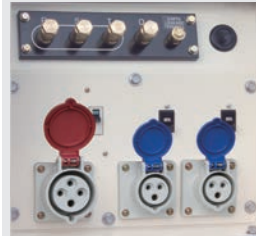
Capacity is 5 times larger compared to a conventional model for Japanese market. The lamp starts to flash if the water exceeds 110ml.

### Large Fuel Filter (option)



A wide space is ensured inside the machine so that a large fuel filter can be installed.

### 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 because it requires no reform.

<sup>\*1</sup> 3-Phase round 4 pins (32A) x1  
1-Phase round 3 pins (15A) x2

### Anti-Crime Measure

Every door is equipped with hook to install a lock.

### 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 erroneous operation.

### Reliable KUBOTA Engine

DG45MK-400 is equipped with KUBOTA V3800DI-T, Tier 2 engine.

As KUBOTA service network covers the world, it offers extensive services which includes parts replacement and repair.

