

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				

ENGINE

Powered by **Kubota**

Types	Vertical Water-Cooled 4-Cycle Diesel Engine		
Model	V3800DI-T (Kubota)		
Number of Cylinders	4、 100 (bore) x 120 (stroke)		
Continuous Rated Output	kW	38.0	45.6
	PS	51.7	62.0
Rated Speed	min-1	1500	1800
Displacement	L	3.769	
Combustion System	Direct Fuel Injection with Turbo Charger		
Cooling Method	Radiator		

Lubricating Method	Forced Lubrication	
Starting Method	Electric Start	
Fuel	Diesel Fuel (ASTM No.2-D)	
Lubricant Oil	CD Class	
Fuel Tank Capacity	105	
Lubricant Volume	L	13.2
Cooling Water Volume	L	12.5
Starting Motor Capacity	V-kW	12-2.5
Charging Dynamo Capacity	V-A	12-30
Battery	80D26R	

DG45MK-400

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



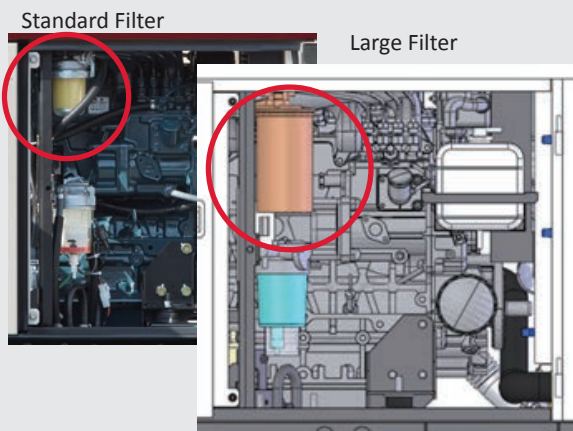
The lamp starts to flash if the output current exceeds 80% of the rated current.

Large Water Separator



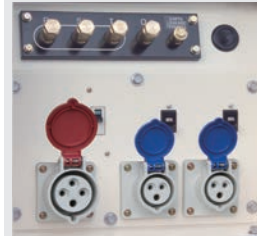
Capacity is 5 times larger compared to a conventional model for Japanese market. The lamp starts to flash if the water exceeds 110ml.

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)^{*1}, widely used at job site, is equipped as standard. It is ready-to-use because it requires no reform.

^{*1} 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.

