



### Technical Specifications

BRAND & MODEL		SHINDAIWA DG25MK-400	
ALTERNATOR			
Frequency	Hz	50	60
Output Rating	Prime (kVA)	20	25
	Standby (kVA)	22	27.5
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	KUBOTA V2403-K3A		
Type	Direct Injection, Vertical, Water Cooling, 4 Cycle		
Output Rating	kW/rpm	19.1/1500 (50Hz)	23.7/1800 (60Hz)
No. of Cylinder	4		
Bore x Stroke	mm	87 x 102.4	
Position Displacement	L	2.434	
Fuel Type	ASTM No.2 Diesel Fuel or Equivalent		
Fuel Consumption	L/h	4.1 (50Hz)	5.1 (60Hz)
LUB Oil Pump Capacity	L	9.7	
Coolant Capacity	L	9.7	
Battery x Quantity	80D26R x1		
Fuel Tank Capacity	L	65	
UNIT			
Dimensions L x W x H	mm	1500 x 700 x 1000	
Dry Weight	kg	625	
Sound Level @ 7m	db(A)	58 (50Hz)	62 (60Hz)

# shindaiwa®

# DG25MK-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	20	25	Insulation Class	F	
	kW	16	20	Excitation	Self-Excitation (Brushless)	
Rated Voltage	V	400	440	Number of Poles	4	
Rated Current	A	28.9	32.8			

### UNIT

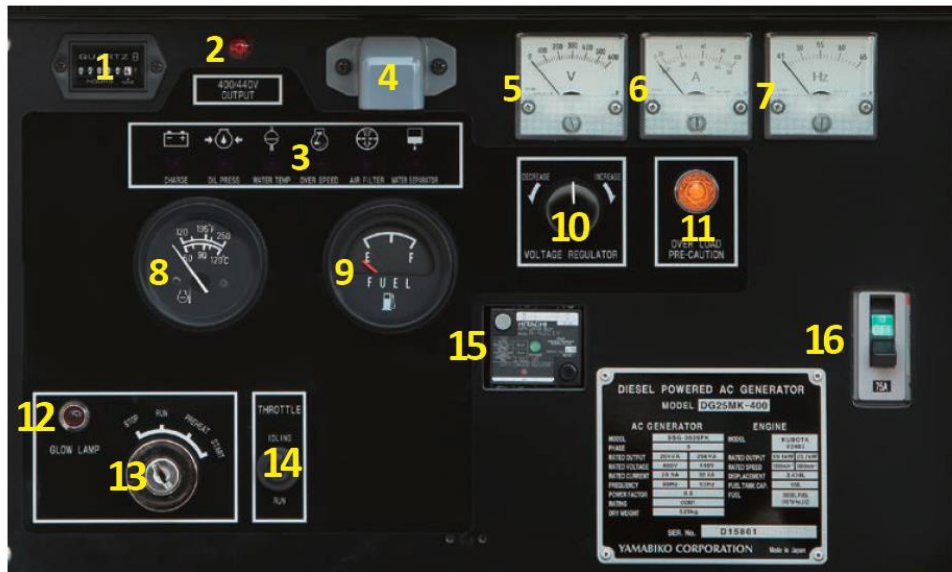
Length	mm	1500	Dry Weight	kg	625
Width	mm	700	Installed Weight	kg	705
Height	mm	1000	Sound Level	dB(A)	58 @7m distance/No load

### ENGINE

Types		Vertical Water-Cooled 4-Cycle Diesel Engine		Fuel Consumption	L/Hr	5.1 @3/4 load
Model		V2403 (Kubota)				3.9 @1/2 load
Number of Cylinders	mm	4、 87 (bore) x 102.4 (stroke)		Fuel	Diesel Fuel (ASTM No. 2-D)	
Continuous Rated Output	kW	19.1	23.7	Lubricant Oil	CD Class	
	PS	26.0	32.2	Fuel Tank Capacity	65	
Rated Speed	min <sup>-1</sup>	1500	1800	Lubricant Volume	L	9.7
Displacement	L	2.434		Cooling Water Volume	L	9.7
Combustion System		Direct Fuel Injection		Starting Motor Capacity	V-kW	12-1.4
Cooling Method		Radiator		Charging Dynamo Capacity	V-W	12-30
Lubricating Method		Forced Lubrication		Battery	80D26R	
Starting Method		Electric Start				

Powered by **Kubota**





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



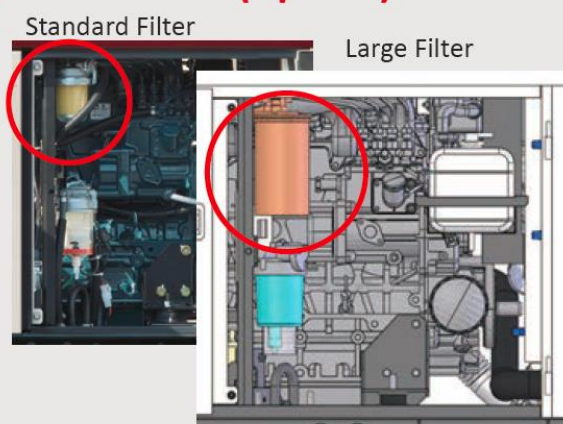
The lamp starts to flash if the output current exceeds 80% of the rated current.

### 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.

### 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

DG25MK-400 is equipped with KUBOTA V2403, Tier 3 engine.

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

