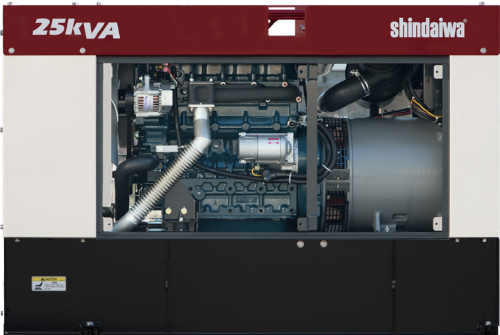


Diesel Engine Driven Generator

shindaiwa®

DG25MK-400/V



SPECIFICATIONS

Model		DG25MK-400/V	
Alternator	Generating Type	Rotating Field, Brushless 3-Phase Synchronous Alternator	
	Rated Frequency (Hz)	50	60
	Rated Output (kVA / kW)	20 / 16	25 / 20
	Rated Voltage (V)	400 [200] ^{*1}	440 [220] ^{*1}
	Rated Current (A)	28.9 [57.7] ^{*1}	32.8 [65.6] ^{*1}
	Winding	3-Phase, 4-Wire	
	Power factor (%)	80	
	Insulation Class	F	
	Excitation	Self-Excitation(Brushless)	
	No. of Poles	4	
Unit	Length (mm)	1500	
	Width (mm)	700	
	Height (mm)	1000	
	Dry Weight (kg)	625	
	Installed Weight (kg)	705	

^{*1}: The values in brackets are optional data, when modified to 200/220V by the dealers only.
As default 3-phase output is set at 400/440V, contact your authorized distributor to adjust the terminal lug setting if necessary to obtain 200/220V for 3-phase output.

Powered by
Kubota

KUBOTA

(50 / 60Hz)

Model			DG25MK-400/V	
Engine	Model		Kubota V2403	
	Type		Vertical, Water-Cooled 4-Cycle Diesel Engine	
	No. of Cylinders (Bore x Stroke)		4 (87 x 102.4)	
	Continuous Rated Output (kW / PS)		19.1 / 26.0	23.7 / 32.2
	Rated Speed (min ⁻¹)		1500	1800
	Displacement (L)		2.434	
	Combustion System		Direct Fuel Injection	
	Cooling Method		Radiator	
	Lubricating Method		Forced Lubrication	
	Starting Method		Electric Start	
	Fuel		Diesel Fuel (ASTM No. 2-D)	
	Fuel Consumption (L/h)	50% Load	3.1	3.9
		75% Load	4.1	5.1
	Lubricant Oil		CF Class	
	Fuel Tank Capacity (L)		65	
	Lubricant Volume (Full)		9.7	
Cooling Water Volume (L)		9.7		
Starting Motor Capacity (V-kW)		12 - 1.4		
Charging Dynamo Capacity (V-A)		12 - 30		
Battery		80D26R		

Diesel Engine Driven Generator

DG25MK-400/V

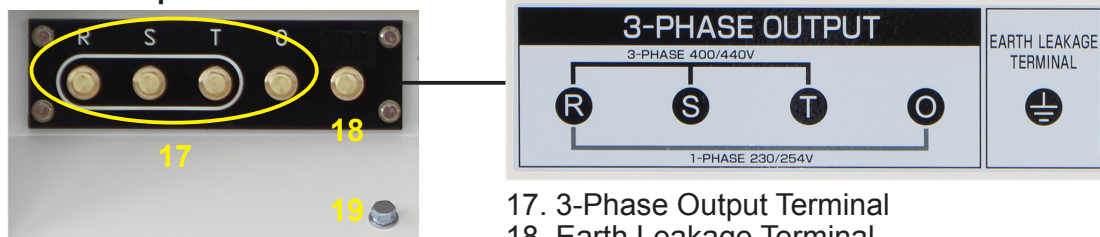
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CONTROL PANEL



1. Hour Meter
2. 400/440V Output Lamp
3. Pilot Lamp
4. Voltmeter
5. Ammeter
6. Frequency Meter
7. Warning Indicators
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

AC Output Panel



17. 3-Phase Output Terminal
18. Earth Leakage Terminal
19. Bonnet Grounding Terminal

FEATURES

Overload precaution lamp

The warning lamp begins to flash when the output current exceeds 80% of the rated capacity, alerting the user to potential overload.

Low noise

Minimal operating noise with a top-class low noise level. Ideal for communication and reducing worker fatigue at worksites.

High-capacity water separator

Designed with a capacity five times larger than conventional models for the Japanese market. The warning lamp activates when water accumulation exceeds 110ml.

Optional large fuel filter

The internal layout provides ample space for installing a large-capacity fuel filter, enhancing filtration efficiency and supporting extended operation in demanding conditions.

Robust alternator

In-house designed and manufactured brushless alternator ensures reliable performance, even in sandy, dusty, and extreme heat condition.

Reliable engine

Kubota V2403 one of the most hardworking, efficient and cleanest running diesel engines on the market.

Trailer-ready frame design

Reinforced joints and anti-vibration stoppers ensure stability and smoother transport when mounted on a trailer.