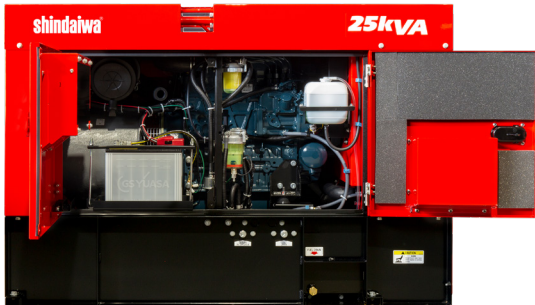


Diesel Engine Driven Generator



DG25MK-400M/R



SPECIFICATIONS

		(50 / 60Hz)	
Model		DG25MK-400M/R	
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.



		(50 / 60Hz)	
Model		DG25MK-400M/R	
Engine	Model	Kubota V2403	
	Type	Vertical, Water-Cooled 4-Cycle Diesel Engine	
	No. of Cylinders (Bore x Stroke)(mm)	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)	
	Lubricant Oil	CF Class	
	Fuel Tank Capacity (L)	65	
	Lubricant Volume (L)	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	
	Fuel Consumption(L/h@50% / 75% Load)	3.12 / 4.07	3.91 / 5.14
	Sound Level(dB(A)) @7m distance under no load	58	62

Diesel Engine Driven Generator DG25MK-400M/R

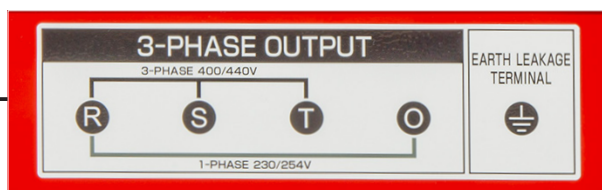
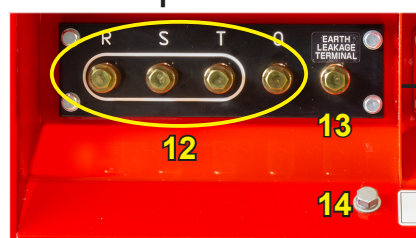
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CONTROL PANEL



1. Hour Meter
2. Voltage Regulator
3. Power Switch
4. Earth Leakage Relay
5. Frequency Selector Switch (inside)
6. Controller
7. Stop Mode Button
8. Manual Mode Button
9. Auto Mode Button
10. Lamp Test / Air Bleeding Button
11. Start Button
12. Circuit Breaker

AC Output Panel



12. 3-Phase Output Terminal
13. Earth Leakage Terminal
14. Bonnet Grounding Terminal

FEATURES

Overload precaution indicator

A warning appears on the operation display when the output current exceeds 80% of the rated capacity.

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. "Water in Fuel" appear on the operation display when water accumulation exceeds 110ml.

Robust alternator

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

Reliable engine

Powered by

Kubota

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

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.