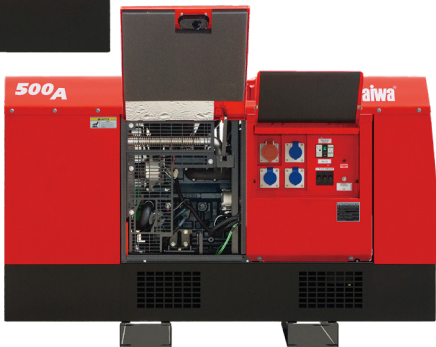


DGW500DM-415CC



SPECIFICATIONS

Model		DGW500DM-415CC	
Generating Method		Rotating Field	
Welding Generator	Operation	Single	Dual
	Rated Current (A)	480	230
	Rated Voltage (V)	39.2	29.2
	Duty Cycle (%)	60	80
	Current Adj. Range (A)	60 - 500	30 - 280
	Welding Rod (Φ)	2.6 - 8.0	2.0 - 6.0
	Gouging Rod (Φ)	3.2 - 9.5	3.2 - 5.0
	Rated Speed (min ⁻¹)	3000	
	No Load Voltage (V)	MAX 85	
	CC		
AC Generator	Rated Frequency (Hz)	50	
	Rated Speed (min ⁻¹)	3000	
	Phase	1 Phase	3 Phase
	Rated Voltage (V)	240	415
	Rated Current (A)	15A x 3	20A x 1
	Power Factor	1.0	0.8
	Rated Output (kVA)	10.8	15
Rating		Continuous	

Powered by
Kubota

Model		DGW500DM-415CC	
Engine	Model	Kubota V1505	
	Type	Vertical, Water-Cooled 4-Cycle Diesel Engine	
	Displacement (L)	1.498	
	Rated Output (kW/min ⁻¹)	24.5 / 3000	27.0 / 3600
	Fuel	ASTM No.2-D Diesel Fuel or Equivalent	
	Lubricant Oil	API Class CD or better	
	Lubrication Oil Volume (L)	6.0 (Effective 2.0)	
	Cooling Water Volume (L)	5.6 (Sub Tank Capacity 0.8 L included)	
	Starting Method	Starter Motor	
	Fuel Consumption(L/h@60%)	5.2@480A	
Dimension	Sound Level(dB(A)) 7m Distance, No Load, Low / High(50Hz)	57 / 64	
	Battery	75D31R (Japanese Industrial Standard)	
	Fuel Tank Capacity (L)	63	
	Length (mm)	1680	
	Width (mm)	700	
Dry Weight (kg)	Height (mm)	950	
		586	

Diesel Engine Generator & Welder

DGW500DM-4I5CC

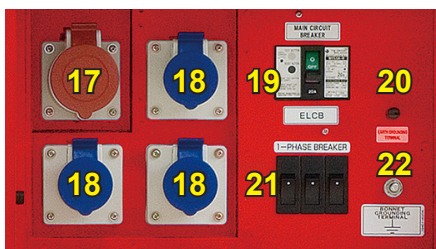
shindaiwa®

CONTROL PANEL



1. AC Meter
2. DC Meter
3. VRD Lamp
4. Output Control Dial
5. Single/Dual Selector
6. Arc Control Dial
7. Emergency Stop Switch
8. Hour Meter
9. Monitor Lamps
10. VRD Switch
11. Idle Control Switch
12. Starter Switch
13. Fuel Meter
14. Remote Control Connector
15. Weld Terminals A
16. Weld Terminals B

AC Output Panel



17. 3-P Receptacle (IP44)
18. 1-P Receptacle (IP44)
19. Earth Leakage Circuit Breaker (ELCB) - Main Breaker
20. Earth Grounding Terminal
21. 1-P Breaker
22. Bonnet Grounding Terminal

FEATURES

Real dual system **RealDual**®

Utilizes a single engine to offer two welding arcs. Reduces purchasing costs and contributes significantly to work efficiency.

Thyristor control

Excellent arc control and response time. High durability and stable high quality welding.

Low noise

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

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 V1505 one of the most hardworking, efficient and cleanest running diesel engines on the market.