



DGW500DM-200



SPECIFICATIONS

(50 / 60Hz)

Model		DGW500DM-200	
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 / 65 - 500	30 - 280 / 35 - 280
	Welding Rod (Φ)	2.6 - 8.0	2.0 - 6.0
	Gouging Rod (Φ)	3.2 - 9.5	3.2 - 5.0
	Rated Current (A)	480	230
	Rated Voltage (V)	39.0	22.5
	Duty Cycle (%)	60	80
	Voltage Adj. Range (V)	14 - 40	14 - 29
	Welding Wire (Φ)	0.6 - 2.4	0.6 - 2.0
	Rated Speed (min ⁻¹)	3000 / 3600	
	No Load Voltage (V)	MAX 85	
AC Generator	Rated Frequency (Hz)	50 / 60	
	Rated Speed (min ⁻¹)	3000 / 3600	
	Phase	1 Phase	3 Phase
	Rated Voltage (V)	115 / 127	200 / 220
	Rated Current (A)	20A x 2	28.6 / 26.0
	Power Factor	1.0	0.8
	Rated Output (kVA)	4.6 / 5.1	9.9
Rating		Continuous	

Powered by



(50 / 60Hz)

Model		DGW500DM-200	
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 Diesel Fuel or Equivalent	
	Lubricant Oil	API Class CF or better (CJ excluded)	
	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%)	50Hz: 5.2@480A	
Dimension	Sound Level(dB(A)) 7m Distance, No Load, Low / High(50Hz) / High(60Hz)	57 / 64 / 66	
	Battery	75D31R (Japanese Industrial Standard)	
	Fuel Tank Capacity (L)	63	
	Length (mm)	1680	
	Width (mm)	700	
Dry Weight (kg)	Height (mm)	950	
		614	

Diesel Engine Generator & Welder

DGW500DM-200

shindaiwa®

CONTROL PANEL



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

AC Output Panel



19. Ground Fault Circuit Interrupter (GFCI) Receptacle
20. 1-P Breaker
21. 3-P/1-P Output Terminal
22. Main Breaker
23. 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.

Variety of applications

Offers CC, CV and Gouging for efficient, high-quality welding and productivity.