



DGW500DM/GULF



SPECIFICATIONS

Model		DGW500DM/GULF	
Generating Method		Rotating Field	
Welding Generator	Operation		
	CC Droop	Single	Dual
		Rated Current (A)	480
		Rated Voltage (V)	39.2
		Duty Cycle (%)	60
		Current Adj. Range (A)	60 - 500
		Welding Rod (Φ)	2.6 - 8.0
		Gouging Rod (Φ)	3.2 - 9.5
	CV	Rated Current (A)	480
		Rated Voltage (V)	39.0
		Duty Cycle (%)	60
		Voltage Adj. Range (V)	14 - 40
		Welding Wire (Φ)	0.6 - 2.4
		Rated Speed (min ⁻¹)	3600
		No Load Voltage (V)	MAX 85
AC Generator	Rated Frequency (Hz)		50
	Rated Speed (min ⁻¹)		3000
	Phase		1 Phase
	Rated Voltage (V)		220
	Power Factor		1.0
	Rated Output (kVA)		6.6
	Rating		Continuous

Powered by
Kubota

Model		DGW500DM/GULF
Engine	Model	Kubota V1505
	Type	Vertical, Water-Cooled 4-Cycle Diesel Engine
	Displacement (L)	1.498
	Rated Output (kW/min ⁻¹)	29.0 / 3600 (Gross Intermittent)
	Fuel	ASTM No.2 Diesel Fuel or Equivalent
	Lubricant Oil	API Class CF or Higher (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%)	5.2@480A
Dimension	Sound Level(dB(A)) @7m distance under no load	57
	Battery	75D31R
	Fuel Tank Capacity (L)	63
	Dry Weight (kg)	613

Diesel Engine Generator & Welder

DGW500DM/GULF

shindaiwa®

CONTROL PANEL



1. AC Meter
2. DC Meter
3. Output Control Dial
4. Single/Dual Selector Switch
5. CV/CC Selector Switch
6. Arc Control Dial
7. Rod Selector Switch
8. Emergency Stop Switch
9. Hour Meter
10. Monitor Lamp
11. Idle Control Switch
12. Starter Switch
13. Fuel Meter
14. Weld Terminals Switch
15. Wire Feeder Voltmeter Switch
16. 42V/115V Selector Switch
17. Circuit Protector for Wire Feeder
18. Remote Control Receptacle
19. 14-Pin Connector
20. Welding Terminal A
21. Welding Terminal B

AC Output Panel



22. 3-P Receptacle (IP44)
23. Main Breaker
24. 1-P Receptacle (IP44)
25. 1-P Breaker
26. Earth Grounding Terminal
27. 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 **Kubota**

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

Variety of applications

Offers CC, CV, Scratch TIG, Droop (Pipe Mode), and Gouging for efficient, high-quality welding and productivity.