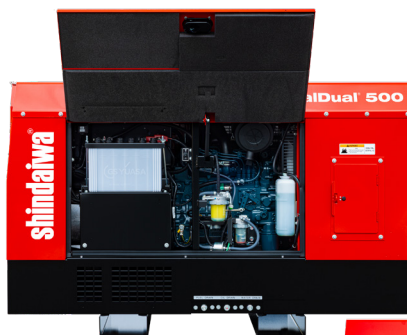




DGW500DM-D4CV



SPECIFICATIONS

Model		DGW500DM-D4CV		
Generating Method		Rotating Field		
Welding Generator		Operation	Single	Dual
	CC	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
	CV	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	
	No Load Voltage (V)		MAX 85	
AC Generator	Rated Frequency (Hz)		50	
	Rated Speed (min ⁻¹)		3000	
	Phase		1 Phase	3 Phase
	Rated Voltage (V)		220	380
	Rated Current (A)		15A x 2	15A x 1
	Power Factor		1.0	0.8
	Rated Output (kVA)		6.6	9.9
	Rating		Continuous	

Powered by
Kubota

Model		DGW500DM-D4CV
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 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%)	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
Dimension	Height (mm)	950
	Dry Weight (kg)	613

Diesel Engine Generator & Welder

DGW500DM-D4CV

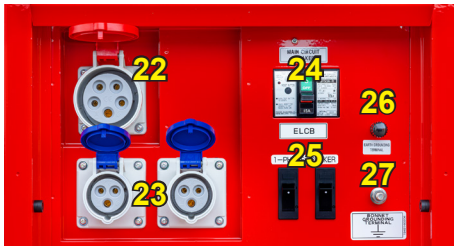
shindaiwa®

CONTROL PANEL



1. AC Meter
2. DC Meter
3. Output Control Dial
4. Single/Dual Selector
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 Terminal Switch
15. Wire Feeder Voltmeter Selector
16. 42V/115V Selector
17. Circuit Protector for Wire Feeder
18. Remote Control Receptacle
19. 14-Pin Connector
20. Weld Terminals A
21. Weld Terminals B

AC Output Panel



22. 3-P Receptacle (IP44)
23. 1-P Receptacle (IP44)
24. Main Breaker
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 and Gouging for efficient, high-quality welding and productivity.