



DGW500DM/UKR



SPECIFICATIONS

Model		DGW500DM/UKR		
Generating Method		Rotating Field		
Welding Generator		Operation	Single	Dual
	CC	Rated Current (A)	480	250
		Rated Voltage (V)	39.2	30.0
		Duty Cycle (%)	60	100
		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	250
		Rated Voltage (V)	39.0	23.5
		Duty Cycle (%)	60	100
		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	
Power Factor		1.0	0.8	
Rated Output (kVA)		9.9	13.2	
Rating		Continuous		

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Kubota

Model		DGW500DM/UKR	
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	Battery	75D31R	
	Fuel Tank Capacity (L)	63	
	Length (mm)	1680	
	Width (mm)	700	
Noise (dB(A))	Height (mm)	950	
	Dry Weight (kg)	613	
Noise (dB(A))	Sound pressure level L _{pA}	76.6 (d=1m, h=1.6m, I ₂ =390A) ^{*1}	
	Measured sound power level L _{WA}	94 (r=4m) ^{*2}	
	Uncertainty K _{WA}	1	
	Guaranteed sound power level L _{WA}	95 (r=4m) ^{*2} 95 (declared) (r=4m) ^{*2}	

*1: EU: Machinery Directive 2006/42/EC

*2: EU: Outdoor Noise Directive 2000/14/EC

Diesel Engine Generator & Welder

DGW500DM/UKR

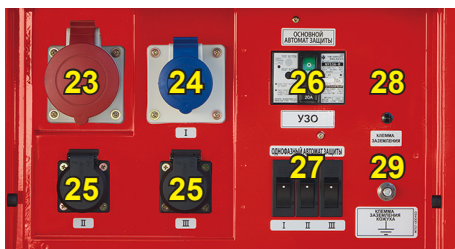
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CONTROL PANEL



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 Voltage Reduction Switch
12. Idle Control Switch
13. Starter Switch
14. Fuel Meter
15. Weld Terminals Switch
16. Wire Feeder Voltmeter Switch
17. 42V/115V Selector Switch
18. Circuit Protector for Wire Feeder
19. Remote Control Receptacle
20. 14-Pin Connector
21. Welding Terminal A
22. Welding Terminal B

AC Output Panel



23. 3-P Receptacle (IP44)
24. 1-P Receptacle (IP44)
25. 1-P Receptacle
26. Main Breaker
27. 1-P Breaker
28. Earth Grounding Terminal
29. Bonnet Grounding Terminal

* Image for reference only. Actual product labeled in Ukrainian.

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.

Powered by

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.