

Diesel Engine Generator & Welder

shindaiwa®



DGW400DML/ANZ



SPECIFICATIONS

Model		DGW400DML/ANZ	
Generating Method		Rotating Field	
Welding Generator	Operation	Single	Dual
	Rated Current (A)	360	180
	Rated Voltage (V)	34.4	27.2
	Duty Cycle (%)	60	100
	Current Adj. Range (A)	30 - 380	30 - 200
	Welding Rod (Φ)	2.0 - 8.0	2.0 - 4.0
	Gouging Rod (Φ)	3.2 - 8.0	3.2 - 5.0
	Rated Current (A)	330	180
	Rated Voltage (V)	31.5	20.0
	Duty Cycle (%)	100	100
	(Current Adj. Range (A))	(60 - 390)	(60 - 200)
	Voltage Adj. Range (V)	14 - 34.5	14 - 28.0
	Welding Wire (Φ)	0.6 - 2.0	0.6 - 1.6
	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)	240	415
	Rated Current (A)	15Ax3	19.5Ax1
	Rated Output (kVA)	10.8	14.0
Power Factor		1.0	0.8
Rating		Continuous	

Powered by
Kubota

Model		DGW400DML/ANZ
Engine	Model	Kubota D902
	Type	Vertical, Water-Cooled 4-Cycle Diesel Engine
	Displacement (L)	0.898
	Rated Output (kW/min ⁻¹)	15.0 / 3000
	Fuel	ASTM No.2-D Diesel Fuel or Equivalent
	Lubricant Oil	API Class CF or better (CJ excluded)
	Lubrication Oil Volume (L)	3.6 (Effective 1.7)
	Cooling Water Volume (L)	4.0 (Sub Tank Capacity 0.6 L included)
	Starting Method	Starter Motor
	Fuel Consumption (L/hr@60%)	5.1@360A
Dimension	Sound Level(dB(A)) 7m Distance, No Load, Low / High(50Hz)	59 / 64
	Battery	46B24L (Japanese Industrial Standard)
	Fuel Tank Capacity (L)	43
	Length (mm)	1435
Width (mm)		700
Height (mm)		848
Dry Weight (kg)		478
Net Weight (kg)		525

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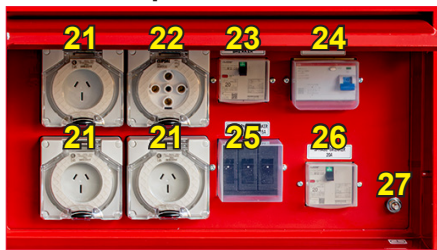
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CONTROL PANEL



1. DC Meter
2. VRD Lamp
3. Single/Dual Selector
4. Output Control Dial
5. Weld Mode Selector
6. Arc Control Dial
7. Idle Control Switch
8. RUN/STOP Switch
9. Starter Switch
10. Monitor Lamp
11. Fuel Meter
12. Operation Mode Selector
13. VRD Switch
14. AC Meter Selector
15. Display
16. Circuit Protector for Wire Feeder
17. 14-Pin Connector
18. Emergency Stop Switch
19. Weld Terminals A
20. Weld Terminals B

AC Output Panel



21. 1-P 240V Receptacle
22. 3-P 415V Receptacle
23. Main Breaker
24. Earth Leakage Circuit Breaker (ELCB)
25. 1-P 240V Breaker
26. 3-P 415V Breaker
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.

IGBT control

Excellent arc control and response speed. IGBT inverter technology enables stable and high-quality welding.

Eco drive

Operating at an optimal speed to reduce the noise, exhaust gas and fuel consumption.

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.

Spill Containment

Prevents fuel and oil leakage into rivers or soil. Rain-resistant design helps protect during operation.

Reliable engine

Kubota D902 one of the most hardworking, efficient and cleanest running diesel engines on the market.

Variety of applications

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