

shindaiwa

[SOUND PROOF] DIESEL ENGINE
GENERATOR/WELDER

DGW Series



DGW420DM/ANZ

SALES FEATURES

3 Way Switch
Exceptional Welding Performance
Dual Operator Mode
Individual Circuits

Air Arc Gouging
Battery Isolator
Super Silenced
High Generating Performance

Digital Metering
VRD Voltage Reduction Device

Compact and Lightweight
Waterproof Construction
Environmentally Friendly
Remote Controls
Wire Feeders
Emergency Stop
Auto Output Reduction
Auto Engine Safety Shutdown
Long Range Tank
Selectable Wire Feeder Voltage
Bunded Tank
Switching

Welding, Generating or Simultaneous Mode Selection
Redial Current and Voltage Control System
4mm Rod 2 Persons and 8mm Rod x 1 Person
No Interference when welding between side A, Side B or when using AC Current
3.2-8.0mm Rods
Standard on all models
58dbA at 7m
1 x 20 Amp 3 Phase Outlet, 3 x 15A Single Phase Outlets
All Auxiliary Outlets are Earth Leakage and Overload Protected
Reliable Japanese Digital Meters, Volts, Amps and Hz
Inbuilt switch to Test VRD Capability, with LED indication (Over Under Voltage)
480kg, 1435mm x 700mm x 848mm
External water draining so tank is free from ingress of water.
Tier 4 Engine
2 x 9 Pin Remote control inputs
Dual Wire Feeder Capability with 1 x 14 Pin Input
Emergency Stop switch standard
Sensing Excessive Rectifier Temperature & Frequency
Sensing Oil Pressure, Water Temp, and Battery Charge
14 Hr Fuel Tank Standard
115V or 42V voltage capability
All internal fluids are protected by 110% capacity bunded tank
Sealed electronic contactors protect switches from ingress of dust

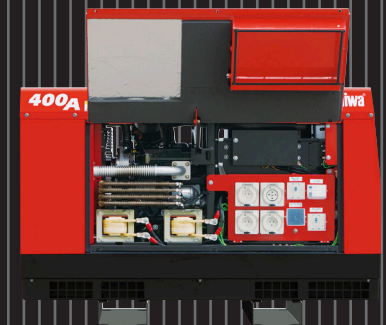
[SOUND PROOF]

Minimal Sound Pollution

Tier 4

Optional Extras

- Fire extinguisher
- Oil drain extension
- Service record holder
- Service kit



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Shindaiwa Diesel Engine Generator Welders



Main Control Panel - Featuring Reliable Japanese Digital Meters, Volts, Amps & Hertz

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DGW Series

Model

DGW420DM/ANZ

	Generating Method		Rotating Field	
	Operation		Single	Dual
Welding Generator	CC Droop	Rated Current (A)	390	200
		Rated Voltage (V)	35.6	28
		Duty Cycle (%)	60	100
		Current Adj. Range (A)	95-400	50-210
		Welding Rod (mm)	2.6-8.0	2.0-4.0
		Gouging Rod mm	3.2-8.0	3.2-5.0
	CV	Rated Current (A)	350	200
		Rated Voltage (V)	32.5	21
		Duty Cycle (%)	100	100
		Voltage Adj. Range (V)	14-35	14-23.5
AC Generator	Rated Frequency (Hz)		50	
	Rated Speed (min-1)		3000	
	Phase		1-Phase (50Hz)	3-Phase (50Hz)
	Rated Voltage (V)		240	415
	Power Factor		1	0.8
	Rated Output (kVA)		10.8	14
Engine	Rating		Continuous	
	Model		Kubota D1105	
	Type		Vertical, Water-Cooled 4-Cycle Diesel Engine	
	Displacement (L)		1.123	
	Rated Output (kW/min-1)		18.5/3000	
	Fuel		ASTM no 2 Diesel Fuel	
	Lubricant Oil Capacity (L)		5.1	
	Cooling Water Capacity (L)		4.3 (Sub Tank Capacity 0.6 L included)	
	Starting Method		Electronic Starter Motor 12V	
	Battery		55B24L	
Dimensions	Fuel Tank Capacity (L)		43	
	Length (mm)		1435	
	Width (mm)		700	
	Height (mm)		848	
	Dry Weight (kg)		480	

Australasian Project Supplies Pty Ltd Trading as

shindaiwa

Generator / Welders

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