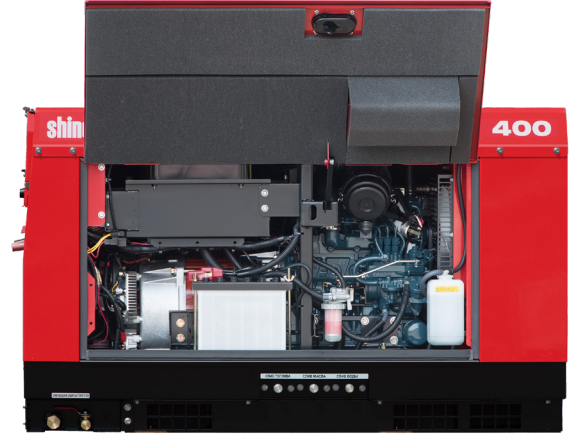


DGW400DMK/UKR



SPECIFICATIONS

Model		DGW400DMK/UKR					
Generating Method		Rotating Field					
Welding Generator	Operation		Single			Dual	
	CC Droop	Rated Current (A)	390	370	290	200	180
		Rated Voltage (V)	35.6	34.8	31.6	28.0	27.2
		Duty Cycle (%)	50	60	100	80	100
		Current Adj. Range (A)	95 - 390			50 - 200	
		Welding Rod (Φ)	2.6 - 8.0			2.0 - 4.0	
		Gouging Rod (Φ)	3.2 - 8.0			3.2 - 5.0	
	CV	Rated Current (A)	390	330		200	180
		Rated Voltage (V)	34.5	31.5		21.0	20.0
		Duty Cycle (%)	50	100		80	100
		Voltage Adj. Range (V)	14 - 34.5			14 - 21	
		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)		220			380	
	Rated Current (A)		14.5 x 3			18.2	
	Rated Output (kVA)		9.6			12.0	
	Power Factor		1.0			0.8	
	Rating		Continuous				

Powered by
Kubota

Model		DGW400DMK/UKR	
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 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/h@60%)	3.3@370A	
	Battery	46B24L (Japanese Industrial Standard)	
	Fuel Tank Capacity (L)	37	
Dimension	Length (mm)	1435	
	Width (mm)	700	
	Height (mm)	848	
Dry Weight (kg)		453	
Noise (dB(A))	Sound pressure level L _{pA}	75.7 (d=1m, h=1.6m, I ₂ =390A) ^{*1}	
	Measured sound power level L _{WA}	90 (r=4m) ^{*2}	
	Uncertainly K _{WA}	1	
	Guaranteed sound power level L _{WA}	91 (r=4m) ^{*2} 92 (declared) (r=4m) ^{*2}	

*1: EU: Machinery Directive 2006/42/EC
*2: EU: Outdoor Noise Directive 2000/14/EC

Diesel Engine Generator & Welder

DGW40ODMK/UKR

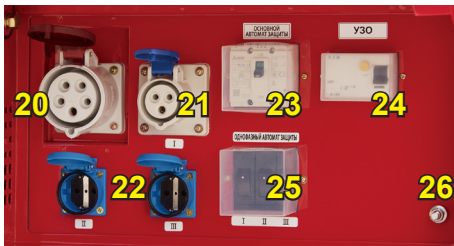
shindaiwa®

CONTROL PANEL



1. AC Meter Selector
2. AC Meter
3. ECO Drive Display
4. DC Meter
5. VRD Lamp
6. Single/Dual Selector
7. Output Control Dial
8. Weld Mode Selector
9. Arc Control Dial
10. Emergency Stop Switch
11. VRD Switch
12. Idle Control Switch
13. Starter Switch
14. Monitor Lamp
15. Hour Meter
16. Fuel Meter
17. Remote Control Receptacle
18. Weld Terminals A
19. Weld Terminals B

AC Output Panel



20. 3-P 380V Receptacle (IP44)
21. 1-P 220V Receptacle (IP44)
22. 1-P 220V Receptacle
23. Main Circuit Breaker (3P/1P)
24. Earth Leakage Circuit Breaker (ELCB)
25. 1-Phase Circuit Breaker (I, II, III)
26. 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.

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