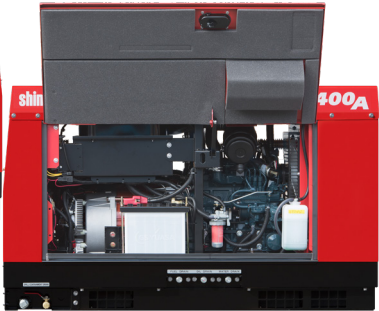
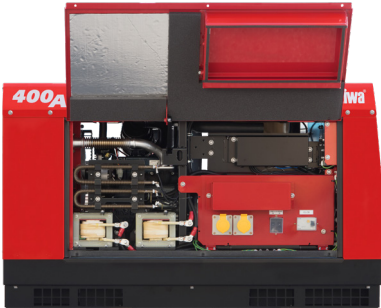


DGW400DMK-SI



SPECIFICATIONS

		(50 / 60Hz)	
Model		DGW400DMK-S1	
Generating Method		Rotating Field	
Welding Generator	Operation	Single	Dual
	CC Droop	Rated Current (A)	370 / 390 180 / 200
		Rated Voltage (V)	34.8 / 35.6 27.2 / 28.0
		Duty Cycle (%)	60 100
		Current Adj. Range (A)	95 - 390 / 110 - 400 50 - 200 / 60 - 210
		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)	330 / 340 180 / 200
		Rated Voltage (V)	31.5 / 32.0 20.0 / 21.0
		Duty Cycle (%)	100 100
		Voltage Adj. Range (V)	14 - 34.5 / 14.5 - 35 14 - 21 / 14.5 - 23.5
		Welding Wire (Φ)	0.6 - 2.0 0.6 - 1.6
		Rated Speed (min ⁻¹)	3000 / 3600
		No Load Voltage (V)	MAX 85
AC Generator	Rated Frequency (Hz)	50 / 60	
	Rated Speed (min ⁻¹)	3000 / 3600	
	Phase	1 Phase	
	Rated Voltage (V)	110 / 115	230 / 240
	Rated Current (A)	15Ax2	15Ax2
	Rated Output (kVA)	3.3 / 3.5	6.9 / 7.2
	Power Factor	1.0	
	Rating	Continuous	

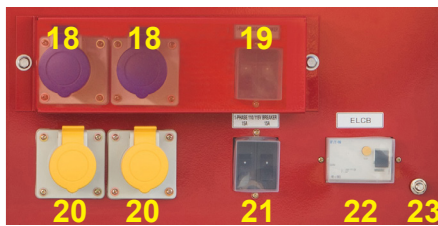
		(50 / 60Hz)	
Powered by		Kubota	
Model		DGW400DMK-S1	
Engine	Model	Kubota D902	
	Type	Vertical, Water-Cooled 4-Cycle Diesel Engine	
	Displacement (L)	0.898	
	Rated Output (kW/min ⁻¹)	15.0 / 3000	17.6 / 3600
	Fuel	ASTM No.2-D Diesel Fuel or Equivalent	
	Lubricant Oil	API Class CF or better	
	Lubrication 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%)	3.3@370A	3.6@390A
Dimension	Sound Level(dB(A)) 7m Distance, No Load, Low / High(50Hz) / High(60Hz)	58 / 64 / 65	
	Battery	46B24L (Japanese Industrial Standard)	
	Fuel Tank Capacity (L)	37	
	Length (mm)	1435	
	Width (mm)	700	
	Height (mm)	848	
	Dry Weight (kg)	453	

CONTROL PANEL



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

AC Output Panel



18. 1-P 230/240V Receptacle (Covered for shipping)
19. 1-P 230/240V Breaker (Covered for shipping)
20. 1-P 110/115V Receptacle
21. 1-P 110/115V Breaker
22. Earth Leakage Circuit Breaker (ELCB)
23. 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.

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.