

DGW310MC/UKRsmall, compact and trusted toughness

Field of Application

★★Excellent

★ Construction
★ Civil Engineering

★ Fabrication

Rental

★ Service Truck
★ Piping

★ Maintenance★ Mining

★ Repair
★ Railroad

★ Farm
★ Offshore

Welding Process

🜟 Excellent

→Good

Standard

★Good

CC Mode:

★Standard Rod

Cellulose Rod















Specification

\\\\ \\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\\ \\ \\\ \\ \\ \\ \\\ \\\ \\\\	DC Canar	-+-" <i>(EUIC</i> UIT)
vveidina	DG Gener	ator (50/60HZ)

- Troiding De Conorator (Corcoria)				
	CC Single	CC ECO		
Rated Current	260A/280A (100% Duty Cycle)			
Rated Voltage	30.4/31.2 V			
Current Adj. Range	35-280/45-310 A	30-160 A		
No Load Voltage (OCV)	Max 85V			

■ AC Generator

AC Generator					
	Rated Frequency	50/60Hz			
	Phase Options	Single Phase	3-Phase		
	Rated Output	8.0 kVA	9.9 kVA		
	Rated Voltage	230/250	400/440		
	Power Factor	1.0	0.8		
	Receptacles	15A×2	Terminal lug		

Dimensions

Overall Dimensions (mm) (L)1,410 X (W)566 X (H) 760

Dry Weight (kg) 333

■ Noise Level

Lowest (@7m/idle) 58dB (A)

Engine

Powered by

Model Kubota D722
Engine Type Vertical, Water-cooled, 4 Cycle Diesel

Rated Output (kW/min-1) 11.7/3000

11.7/3000 14.0/3600

Fuel Tank Capacity 37 Liters

Displacement 0.719 Liter

Definitions of the icons



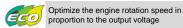
CC and ECO welding mode



Open circuit voltage Max 85V



1 connection of welding remote control





DGW3IOMC/UKR

Control Panel





- 1. Current Adjustment Dial
- 2. Monitor Lamp
- 3. Fuel Meter
- 4. Idle Control Switch
- 5. Starter Switch
- 6. Earth Leakage Circuit Breaker
- 7. Output Selector Switch
- 8. 1-Phase Receptacle
- 9. Display Selector Switch
- 10. Receptacle Cover
- 11. Remote Control Receptacle (Under the cover)
- 12. 3-Phase Output Terminal (Under the cover)
- 13. Welding Output Terminal (Under the cover)

Features



The extremely compact unit offers maximized efficiency in storage and more carrying capacity on a service truck as it requires less space.



Each engine check door on both right and left side opens widely upward and helps to increase work efficiency in visual inspection.

The unit also has a front door to facilitate the maintenance of the alternator.





Eco mode fits perfectly to welding jobs performed between 30 and 160 Amp (with a welding rod between Φ 2.0 and Φ 4.0). The engine rotation speed is reduced down to 2,200 rpm when eco mode is applied, achieving 20-30% of fuel cost reduction with minimizing noise to 58 dB(A).

■ Robust Alternator



Triple-varnish, standard spec for Shindaiwa's alternator for export, offers robust features of protection against sand gravel, dust, rodent, and burnout including layer short

