

DGW310MC-220 Small, compact and trusted toughness

Field of Application

Excellent

★Good

★ Construction ★ Civil Engineering

****** Fabrication ★ Rental

★ Service Truck 🕇 Piping

****** Maintenance 🜟 Mining

★ Repair 🜟 Railroad ★ Farm Offshore

Welding Process

Excellent +Good

Standard

CC Mode:

★ Standard Rod

Cellulose Rod













Specification

■ Welding DC Generator (50/60HZ)

	CC Single	CC EC
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

Max 85V

No Load Voltage (OCV)

■ AC Generator

Rated Frequency	50/60Hz	
Phase Options	Single Phase	3-Phase
Rated Output	8.0 kVA	9.9 kVA
Rated Voltage	100/110V, 200/220V	200/220V
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 Kubota

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

Fuel Tank Capacity

Rated Output (kW/min-1) 14.0/3600rpm (Gross Intermittent) 37 Liters

Displacement 0.719 Liter ■ Definitions of the icons



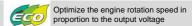
CC and ECO welding mode



Open circuit voltage Max 85V



1 connection of welding remote control





DGW3IOMC-220

Control Panel



- 1. Serial Number
- 2. Current Adjustment
- 3. Monitor Lamp
- 4. Fuel Meter
- 5. Slow Down Switch
- 6. Starter Switch
- 7. Breaker
- 8. Output Selector
- 9. Voltage/Hour/Speed meter
- 10. Frequency Change Switch
- 11. AC 100/110V Receptacle
- 12. Remote Control Receptacle (covered by the plate)
- 13. 3-P/1-P Output Terminal
- 14. Welding Terminal
- 15. Single/Dual Selector Switch

Features

■Small and Compact



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

■Large Check Doors



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



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

-YAMABIKO CORPORATION



The information in this document is subject to change without notice.