

shindaiwa®

DGW300M-MY



Field of Application

- ★ Construction
- ★ Fabrication
- ★ Service Truck
- ★ Maintenance
- ★ Repair
- ★ Farming
- ★ Civil Engineering
- ★ Rental
- ★ Piping
- ★ Mining
- ★ Rail Road
- ★ Offshore

★ Excellent ★ Good

Welding Process

★ Excellent ★ Good • Standard

- CC Mode
- ★ Standard Rod
- Cellulose Rod

Specification

Welding DC Generator (50Hz/60Hz)

Rated Current	260 / 280A
Duty Cycle	50%
Rated Voltage	30.4 / 31.2V
Current Adj. Range	30-280A / 30-300A (Eco Mode) 35-280A / 40-300A (Auto/High)
No Load Voltage (OCV)	MAX85V
Welding Rod Capacity	Φ2.0-6.0mm

AC Generator

Rated Frequency	50 / 60Hz
Phase Options	Single Phase
Rated Output	4.4 / 4.8kVA
Rated Voltage	200 / 220V
Power Factor	1.0
Receptacles	11A x 2

Dimensions

Overall Dimensions (mm)	(L) 1200 x (w)566 x (H)768
Dry Weight (kg)	270

Noise Level

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

	Model	Kubota Z602	Rated Output (kW/min-1)	9.9/3000 (Gross)
	Engine Type	Vertical, Water-cooled, 4 cycle diesel	Fuel Tank Capacity	25 L
	Displacement	0.599 L		

Definition of the icons



Optimizes the engine rotating speed in proportion to the output voltage



CC/ECO Welding Mode



Max open circuit voltage



Preset welding current



Voltage regulation device



1 connection of welding remote control

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Control Panel



1. Serial Number
2. Circuit Breaker
3. Eco Drive Lamp
4. Monitor Lamp
5. Starter Switch
6. DC Current Adjustment
7. Preset Lamp
8. DC Current/AC Voltage/Hour Meter Selector
9. Idle Control Switch
10. AC 220V Receptacle (1-P)
11. Display (Current/Voltage/Hour)
12. Fuel Meter
13. Remote Control Receptacle

Product Features

SMALL & 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.

ROBUST ALTERNATOR



Special varnished reliable Shindaiwa's alternator, offers robust features of protection against sand gravel, dust, and extreme hot weather condition.

ECO MODE



The engine speed optimization function enables the engine to operate at an optimal speed corresponding to the weld output, thereby reducing noise, exhaust gas emission, and saving fuel consumption.

PRESET CURRENT VOLTAGE

Desired current value can be pre-set by adjusting DC Current Adjustment Dial. The display allows you to monitor the actual current value during and even after the operation because it remain displayed for eight seconds after the operation.

VRD

VRD or voltage reduction device reduces no-load voltage when the unit does not perform welding, which minimizes electrical shock hazard