

shindaiwa®

DGW300M-S200



Field of Application

★ Excellent ★ Good

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

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	6.0 / 6.6kVA
Rated Voltage	200 / 220V
Power Factor	1.0
Receptacles	15A 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

	Powered by	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. Eco Lamp
2. Frequency Lamp
3. Actual Lamp
4. Preset Lamp
5. Monitor Lamp
6. Starter Switch
7. Idle Control Switch
8. Meter Selector
9. Meter
10. Remote Control Connector
11. Terminal Cover
12. Weld Terminals
13. 1-P Receptacle
14. Fuel Meter
15. Breaker
16. Earth Leakage Circuit Breaker (ELCB)
17. Output Control Dial

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