

shindaiwa®

DGW310MC-D4EW



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

Specifications

Welding DC Generator		50Hz	60Hz
Rated Current (A)		260	280
Rated Voltage (V)		30.4	31.2
Duty Cycle (%)		100	
Rated Speed (min ⁻¹)		3000	3600
No Load Voltage (V)		MAX85	
Output Options	ECO		
	Current Adj. Range (A)	30-160	
	Welding Rod (Φ)	2.0-4.0	
	Single		
Current Adj. Range (A)	35-280	45-310	
Welding Rod (Φ)		2.6-6.0	

AC Generator			
Rated Frequency (Hz)		50/60	
Rated Speed (min ⁻¹)		3000/3600	
Phase Options		1-Phase	3-Phase
Rated Voltage (V)		230/250	400/440
Rated Current (A)		15A x 2	14.3/13.0
Power Factor		1.0	0.8
Rated Output (kVA)		6.9/7.5	9.9
Rating		Continuous	

Dimension

LengthxWidthxHeight (mm)	1410 x 566 x 768
Dry Weight (kg)	333

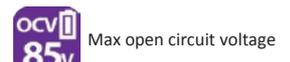
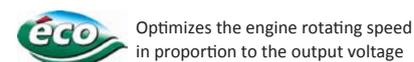
Engine



Model	Kubota D722	
Type	Water-Cooled 4-Cycle Diesel Engine	
Displacement (L)	0.719	
Rated Output (kW(PS)/min ⁻¹)	11.7/3000	14.0/3600
Fuel	ASTM No.2-D Diesel Fuel or Equivalent	

Lubricant Oil	API class CD or better
Lubricant Oil Volume (L)	3.8 (Effective 1.4)
Cooling Water Volume (L)	3.0 (Sub tank Capacity 0.6L included)
Starting Method	Starter Motor
Battery	46B24L
Fuel Tank Capacity (L)	37

Definition of the icons



DGW310MC-D4EW

Control Panel



1. Current Adjusting 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 Terminals
13. Welding Output Terminals

Product Features



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.



SMALL & COMPACT

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

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.

