



## Technical Specifications

| BRAND & MODEL                            | SHINDAIWA DGW300M-S200                 |
|------------------------------------------|----------------------------------------|
| <b>WELDING DC GENERATOR</b>              |                                        |
| Operation (50 / 60Hz)                    | Single                                 |
| Rated Current (A)                        | 260 / 280                              |
| Rated Voltage (V)                        | 30.4 / 31.2                            |
| Duty Cycle (%)                           | 50                                     |
| Current Adj. Range (A)                   | 35-280 / 40-300                        |
| Welding Rod Range (mm)                   | Ø2.0– 6.0                              |
| No Load Voltage                          | Max 85V                                |
| <b>AC AUXILIARY GENERATOR</b>            |                                        |
| Frequency (Hz)                           | 50 / 60                                |
| Rated Speed (rpm)                        | 3000 / 3600                            |
| Phase                                    | 1-Phase                                |
| Rated Current (A) (x Industrial Sockets) | 15 x 2                                 |
| Rated Voltage (V)                        | 200 / 220                              |
| Power Factor                             | 1.0                                    |
| Rated Output (kVA)                       | 6.0 / 6.6                              |
| <b>ENGINE</b>                            |                                        |
| Model                                    | KUBOTA Z602                            |
| Engine Type                              | Vertical, Water Cooled, 4 Cycle Diesel |
| Displacement (L)                         | 0.599                                  |
| Rated Output (kW/min <sup>-1</sup> )     | 9.9/3000 / 12.1/3600                   |
| Fuel                                     | Diesel ASTM No.2 or equivalent         |
| Fuel Tank Capacity (L)                   | 25                                     |
| Engine Oil Capacity (L)                  | 2.5 (Effective 0.8)                    |
| Coolant Capacity (L)                     | 3.0 (Includes 0.6L in sub-tank)        |
| Sound Level @ 7m (No Load)               | 58dB(A)                                |
| <b>UNIT</b>                              |                                        |
| Dimensions (L x W x H mm)                | 1200 x 566 x 768                       |
| Dry Weight (kg)                          | 270                                    |

# shindaiwa®

# DGW300M-5200 Diesel driven engine welder/generator

## WELDING DC GENERATOR (50Hz)

|                             |                        |
|-----------------------------|------------------------|
| Rated Current (DC)          | 260 A (50% duty cycle) |
| Current Adj. Range<br>(Eco) | 30-280A (φ 2.0-6.0mm)  |
| (Auto/High)                 | 35-280A (φ 2.0-6.0mm)  |
| No Load Voltage             | Max 85V                |

## AC GENERATOR

|                 |              |
|-----------------|--------------|
| Rated Frequency | 50/60 Hz     |
| Phase Options   | Single Phase |
| Rated Output    | 6.0/6.6kVA   |
| Rated Voltage   | 200/220 V    |
| Power Factor    | 1.0          |
| Receptacles     | 15Ax2        |

## ENGINE

|                                      |                                        |
|--------------------------------------|----------------------------------------|
| Model                                | Kubota Z602                            |
| Engine Type                          | Vertical, Water-cooled, 4-cycle diesel |
| Displacement                         | 0.599 Liter                            |
| Rated Output (kW/min <sup>-1</sup> ) | 9.9/3000<br>(Net Intermittent)         |
| Fuel Tank Capacity                   | 25 Liters                              |

## NOISE LEVEL, DIMENSIONS

|                         |                              |
|-------------------------|------------------------------|
| Low Noise Level (@ 7m)  | 58dB(A) at Eco mode          |
| Overall Dimensions (mm) | (L) 1200 - (W) 566 - (H) 768 |
| ** w/o wheels           |                              |
| Dry Weight (kg)         | 270kg                        |
| ** w/o wheels           |                              |



1. AC220V receptacles(15A)
2. ELCB
3. Single Phase breakers
4. ECO drive mode lamp
5. Safety devices lamp
6. Amperage Pre-set/adjust control
7. Ammeter/Voltmeter/Hour meter
8. Display switch
9. Idle control switch
10. 2 pins input (remote control)
11. Fuel meter
12. Weld output terminals
13. Generating voltage adjust rheostat
14. VRD switch
15. Frequency change switch