

# shindaiwa®

Diesel Engine Welder & Generator  
For Professional Use  
**DGW200MS/UKV**



## SPECIFICATIONS

Model		DGW200MS/UKV	
Generating Method		Rotating Field, Synchronous AC Generator	
Welding Generator	Rated Current	A	170
	Duty Cycle	%	50
	Rated Speed	min <sup>-1</sup>	3000
	No Load Voltage	V	MAX80
	Current Adj. Range	A	60-180
	Welding Rod	φ	2.0-4.0
	AC Generator	Rated Frequency	Hz
Rated Speed		min <sup>-1</sup>	3000
Phase			1-Phase
Rated Voltage		V	110 CTE
Power Factor			1.0
Rated Current		A	27.2
Rated Output		kVA	3.0
Rating			Continuous
Dimension	Length	mm	998
	Width	mm	603
	Height	mm	773
Dry Weight	kg	222	

Model		Kubota Z482	
Type		Water-Cooled 4 Cycle Diesel Engine	
Displacement	L	0.479	
Rated Output	kW/ min <sup>-1</sup>	7.8/3000	
Fuel		ASTM No.2-D	
Lubricant Oil		API Class CF or Higher (CJ excluded)	
Lubrication Oil Volume	L	2.5 (Effective 0.7)	
Cooling Water Volume	L	2.8 (Sub Tank Capacity 0.6 L Included)	
Starting Method		Starter Motor	
Battery		44B19L	
Fuel Tank Capacity	L	15	
Noise (dB(A))	Sound Pressure Level	L <sub>pA</sub>	73.1 (2006/42/EC, d=1m, h=1.6m, l2=180A)
	Measured Sound Power Level	L <sub>WA</sub>	87(2000/14/EC, r=4m)
	Uncertainty K <sub>wa</sub>		1
	Guaranteed Sound Power Level	L <sub>WA</sub>	88(2000/14/EC, r=4m) 89(declared)(2000/14/EC, r=4m)

CONTROL PANEL



- |   |                            |
|---|----------------------------|
| 1. Circuit Breaker (30A/15A)                            | 6. Idle Control Switch     |
| 2. Earth Leakage Circuit Breaker (Main Circuit Breaker) | 7. Output Receptacle       |
| 3. Current Adjustment Dial                              | 8. Welding Output Terminal |
| 4. Starter Switch                                       | 9. Emergency Stop Switch   |
| 5. Monitor Lamp   |                            |

FEATURES

WIDE-OPENING DOOR

The wide-open door increase work efficiency when performing visual inspection.



MONITOR LAMP

The equipment monitors oil pressure, battery, and water/coolant temperature. Lamps will light when maintenance is required.



DURABLE ALTERNATOR

As the alternator undergoes special varnish application, it is strong against sand gravel, dust, and extreme weather conditions.



EMERGENCY STOP

You can stop the engine immediately in emergencies to avert hazardous situations.



SMALL & COMPACT

The equipment is designed and built in a compact form, with an extremely welding power.

