

shindaiwa®

Diesel Engine Welder & Generator
For Professional Use
DGW300MS/UKV



SPECIFICATIONS

Model		DGW300MS/UKV		
Generating Method		Rotating Field, Synchronous AC Generator		
Welding Generator	Rated Current	A	280	
	Duty Cycle	%	50	
	Rated Speed	min ⁻¹	3000	
	No Load Voltage	V	MAX85	
	ECO	Current Adj. Range	A	30-200
		Welding Rod	mm	2.0-5.0
	AUTO/HIGH	Current Adj. Range	A	40-300
Welding Rod		mm	2.0-6.0	
AC Generator	Rated Frequency	Hz	50	
	Rated Speed	min ⁻¹	3000	
	Phase		1-Phase	3-Phase
	Rated Voltage	V	110 CTE	415
	Rated Current	A	30	9.8
	Power Factor		1.0	0.8
	Rated Output	kVA	3.3	7
	Rating		Continuous	

Engine	Model	Kubota D722	
	Type	Water-Cooled 4 Cycle Diesel Engine	
	Displacement	L	0.719
	Rated Output	kW/min ⁻¹	12.4/3000 (Gross Intermittent)
	Fuel	ASTM No.2-D	
	Lubricant Oil	API Class CF or Higher (CJ Excluded)	
	Lubrication Oil Volume	L	3.8 (Effective 1.4)
	Cooling Water Volume	L	3.0 (Sub Tank Capacity 0.6 L Included)
	Starting Method	Starter Motor	
	Battery	46B24L	
Dimension	Fuel Tank Capacity	L	37
	Length	mm	1410
	Width	mm	566
Noise (dB(A))	Height	mm	760
	Dry Weight	kg	348
	Sound Pressure Level	L _{pA}	73.4 (d=1m, h=1.6m, I ₂ =290A) ^{*1}
	Measured Sound Power Level	L _{WA}	90 (r=4m) ^{*2}
	Uncertainty	K _{WA}	1
Guaranteed Sound Power Level	L _{WA}	91 (r=4m) ^{*2} 91 (declared)(r=4m) ^{*2}	

Powered by



*1 EU : Machinery Directive 2006/42/EC

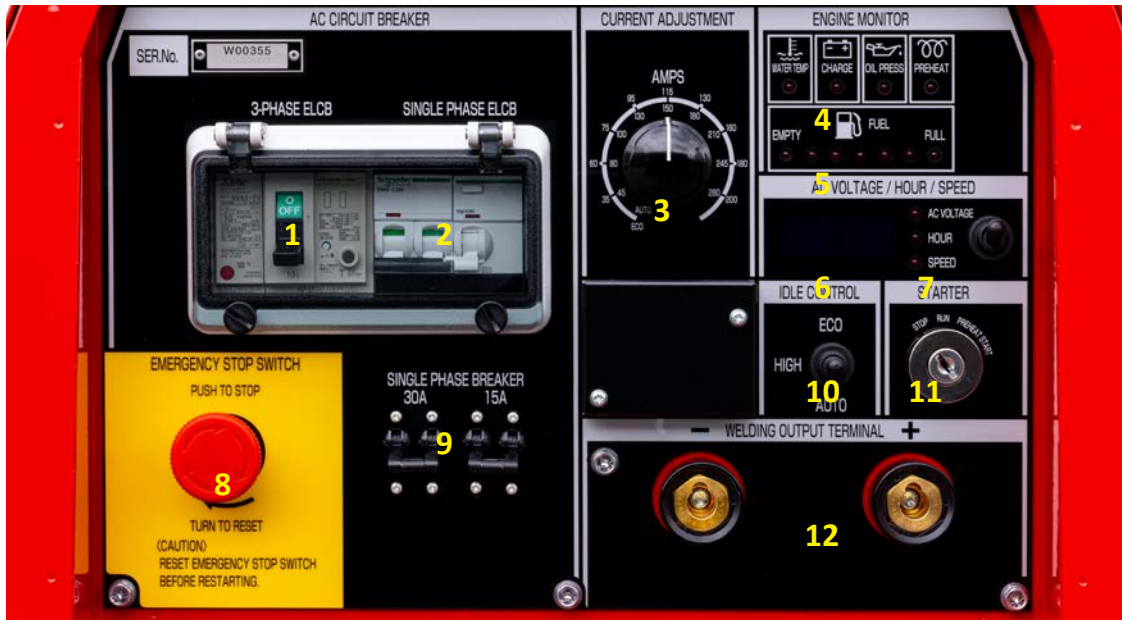
UK : Supply of Machinery (Safety) Regulations 2008

*2 EU : Outdoor Noise Directive 2000/14/EC

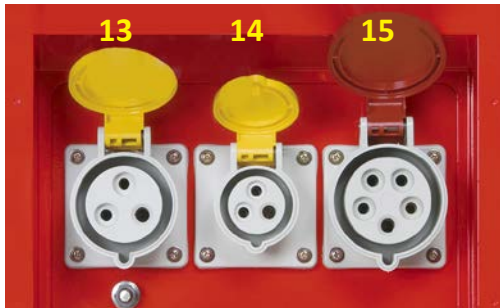
UK : Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001

YAMABIKO CORPORATION

CONTROL PANEL



- 1. 3-Phase ELCB (Breaker)
- 2. 1-Phase ELCB
- 3. Current Adjustment Dial
- 4. Monitor Lamp
- 5. Fuel Meter
- 6. Display
- 7. Display Change Switch
- 8. Emergency Stop Switch
- 9. 1-Phase Breaker
- 10. Idle Control Switch
- 11. Starter Switch
- 12. Welding Output



- 13. Single Phase Receptacle Side A 32A
- 14. Single Phase Receptacle Side B 15A
- 15. 3-Phase Receptacle 32A

FEATURES

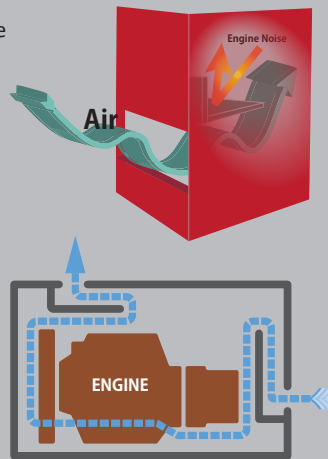
SMALL & COMPACT

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



QUIET

As the air intake is skilfully designed to reduce noise, Shindaiwa achieves quiet operation.



MONITOR LAMP

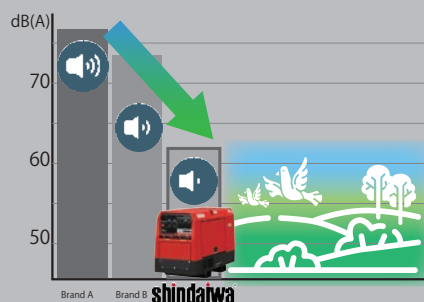
The equipment monitors water temperature, battery, and oil pressure. Lamps will light when maintenance is required.



EMERGENCY STOP



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



ECO MODE



The equipment includes ECO welding mode that provides lower noise level, lower fuel consumption and lower gas emissions.