



WELDING GENERATOR

Technical Specifications

BRAND & MODEL	SHINDAIWA DGW500DM-S2V	
WELDING DC GENERATOR		
Operation (CC / CV Mode)	Single	Dual
Rated Current (A)	480 / 480	230 / 230
Rated Voltage (V)	39.2 / 39.0	29.2 / 22.5
Duty Cycle (%)	60	80
Current Adj. Range (A) (CC Mode)	60 – 500	30 - 280
Welding Rod Range (mm) (CC Mode)	∅2.6– 8.0	∅2.0 – 6.0
Voltage Adj. Range (V) (CV Mode)	14 – 40	14 - 29
Welding Wire Range (mm) (CV Mode)	∅0.6 - 2.4	∅0.6 - 2.0
No Load Voltage	Max 85V	
AC AUXILIARY GENERATOR		
Frequency (Hz), Rated Speed (rpm)	50, 3000	
Phase, Power Factor	1-Phase, 1.0	
Rated Current (A) (x Industrial Sockets)	15 x 2	15 x 2
Rated Voltage (V)	110	240
Rated Output (kVA)	3.3	7.2
ENGINE		
Model	KUBOTA V1505	
Engine Type	Vertical, Water Cooled, 4 Cycle Diesel	
Displacement (L)	1.498	
Rated Output (kW/min ⁻¹)	29.0/3600	
Fuel	Diesel ASTM No.2 or equivalent	
Fuel Tank Capacity (L)	63	
Engine Oil Capacity (L)	6.0 (Effective 2.0)	
Coolant Capacity (L)	5.6 (Includes 0.8L in sub-tank)	
Sound Level @ 7m (No Load)	57dB(A)	
UNIT		
Dimensions (L x W x H mm)	1680 x 700 x 950	
Dry Weight (kg)	613	