

10. MAJOR SPECIFICATIONS

SPEC. \ MODEL		TLW-450SSWI								
Frequency (Hz)		50				60				
W D C l d G e n e r a t o r	Rated Output (kW)	14.4								
	Rated Current (A)	400								
	Rated Voltage (V)	36.0								
	1	Current Range (A)	230 ~ 450							
		Electrode (mm)	φ 2.6 ~ φ 8.0							
	2	Current Range (A)	40 ~ 240							
		Electrode (mm)	φ 2.0 ~ φ 6.0							
	Rated Speed (min ⁻¹)	3000				3600				
Duty Cycle (%)	60									
A C G e n e r a t o r	3 P h a s e	Rated Output (kVA)	18							
		Rated Voltage (V)	200	220	230		380	400	415	
		Rated Current (A)	52.0	47.2	45.2		27.3	26.0	25.0	
		No. of Phase	3 - Phase 4 - wire							
		Power Factor	0.8 (Lag)							
		Excitation	Brushless type (with AVR)							
		No. of poles	2							
		Insulation	Class F							
	Aux. AC Power (option)	Single-phase 3 kVA (1.5×2)								
E n g i n e	Model	ISUZU / 3LD1								
	Type	Vertical, water-cooled, 4-cycle diesel								
	Number of cylinders	3								
	Bore × Stroke (mm)	83.1 × 92								
	Total displacement (L)	1.496								
	Rated output kW(PS)/min ⁻¹ (rpm)	24.1(32.8) / 3000				26.6(36.2) / 3600				
	Battery	12V - 70Ah × 1 (65D31R)								
	Fuel	DIESEL FUEL ASTM NO. 2 or eq.								
	Fuel tank capacity (L)	Approx. 53								
	Lubricant quantity (L)	Approx. 7.5								
	Coolant quantity (L)	Approx. 4.0								
S e t	Length (mm)	1650								
	Width (mm)	750								
	Height (mm)	870								
	Dry weight (kg)	600				550				