

# BLW-400SSW — SPECIFICATIONS

Table 1. Specifications		
Welder Specifications		
Model	BLW-400SSW	
Type	Brushless, revolving, field type generator	
Armature Connection	<b>Single</b>	<b>Dual</b>
Rated Current	350A	175A
Rated Voltage	34V	27V
Range of Current	70~400A	35~200A
Generator Specifications		
Frequency	60 Hz	
Speed	3600 rpm	
Max. Output	14kW	
Rated Output	12.5kW	
Voltage	120/240 V	
Engine Specifications		
Model	KUBOTA V 1205	
Type	4 Cycle, water-cooled, in line, overhead valve	
No. of Cylinders	4 cylinders	
Bore x Stroke	2.8 in. x 2.9 in. (72 mm x 73.6 mm)	
Rated Output	31.5HP/3600 rpm	
Displacement	73 cu. in. (1198 cc)	
Starting	Electric	
Coolant Capacity	1.3 gal. (5 liters)	
Lube Oil Capacity	1.6 gal. (6 liters)	
Fuel Consumption	Welding 2 gal. (5L)/hr AC Power 2.1 gal. (7.9L)/hr	
Fuel Capacity	Approx. 10.6 gal (40 liters)	
Fuel type	#2 Diesel Fuel	
Battery	12V- 70AH	

The maximum output of the engine listed above is applicable to supplying electrical power for continuous service at ambient conditions in accordance with SAE Test cord J607. The above ambient conditions are at standard sea level, with a barometric reading of 29.92 inches and a temperature of 60 degrees Fahrenheit.

Generally, the engine output power will decrease 3 1/2% for each 1000 feet of altitude above sea level, and 1% for each 10° F Fahrenheit above the standard temperature of 60° F.