

# DAW500SA1

500 amp Welder, 3KW, 120/240V Gen, T4i Kubota

The DAW500SA1 equipped with Kubota's Tier 4 Interim D1803 engine is a CC (constant current), CV (constant voltage) welder that delivers up to 500 amps of DC welding output. This model is ideal for very large projects that demand high current for penetration when welding or for Carbon cutting. As a generator it provides up to 3kW of 120/240 volt AC power and can be used simultaneously as a welder and generator.

- CC and CV welding capability
- Electric-start, diesel-powered
- Excels in SMAW, FCAW, GMAW, GTAW and ACAC welding processes
- External oil and fuel drains, and several automatic safety shutdowns
- Tier 4 interim Kubota diesel engine D1803
- Full panel GFCI protection - OSHA and NEC compliant

## Unit Specifications

DC Voltage	CC: 38 V	CV: 16-40 V
DC Current	CC: 500 A	CV: 500 A
Current Range	40-500 A	
Max Duty Cycle w/ Full Amps Available	100% @350 A	
Welding Processes	SMAW FCAW GMAW GTAW ACAC	
Fuel Tank Capacity	12 gal	0 L
Fuel Consumption at Rated Load	1.3 gph	

## Generator Specifications

AC Power Output (Single Phase)	3 kW	
Cycle	50/60 Hz	
Voltage	120 V	
Amperage	25 A	
Voltage Regulation	7 %	
Receptacles	NEMA 5-20R 125V GFCI 20A NEMA L5-30R 125V Twist-Lock 30A	

## Dimensions & Weights

Overall Length	52 in	1330 mm
Overall Width	31.49 in	800 mm
Overall Height	44.48 in	1130 mm
Shipping Dimensions	52 x 31.49 x 44.48 in 1330 x 800 x 1130 mm	
Operating Weight	1302 lb	591 kg
Shipping Weight	1175 lb	533 kg

Notice: Features and equipment specifications are subject to change without notice.

