

# REDSTAR DAW-300SS



## SPECIFICATIONS

### DC WELDING POWER

Rated Output (kW)	8.7
Rated Current(A) / Voltage(V) / Duty(%)	280 / 31.2 / 50
Welding Current Range (A)	30~300 (2200~3000min <sup>-1</sup> )

### AC POWER SOURCE

Frequency (Hz)	50 / 60
Rated Output (kVA)	3.0
Rated Voltage (V)	100 / 110 / 120 / 200 / 220 / 230 / 240
No. of Phase	1-Phase 2 Wire
Power Factor	1.0

### DIESEL ENGINE

Make / Model	Kubota D722-KB
Type	4-cycle, vertical, water cooled with radiator
Rated Output (kW)	11.7
Rated Speed (min <sup>-1</sup> )	3000
Displacement (L)	0.719
Fuel	ASTM No. 2 diesel fuel or equivalent
Fuel Consumption (L/h)	2.1
Fuel Tank Capacity (L)	19
Battery x Quantity	55B24Lx1

### UNIT

Length / Width / Height (mm)	1270 / 680 / 740
Dry Weight (kg)	300

### NOISE

7mdB (A)	64
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### CLEAN ENGINE

The engine equipped with the Closed Breathing System which keeps the blow-by gas in the machine, and the aluminum radiator which does not cause lead pollution is categorized as a construction machine that satisfies the emission gas regulation stage 2, enforced by the Ministry of Land, Infrastructure and Transport (except for DAW-180SS).

### SLOWDOWN DEVICE REDUCES NOISES AND SAVES

The Slowdown unit automatically lowers engine speed during no-load, reducing noise and increasing fuel efficiency.

### EASY DAILY INSPECTION & MAINTENANCE

Daily inspection and maintenance can be carried out one side of the machine. In addition, the radiator can be cleaned easily by removing the front cover.

### SWITCH KEY OPERATION RESTARTS THE ENGINE WITH AIR VENTED AUTOMATICALLY

The generator is equipped with an automatic air-venting unit that eliminates air by turning a switch key when restarting the engine after fueling.

### ALTERNATOR REQUIRES MAINTENANCE FREE

The use of brushes or slip rings in the alternator eliminates the need for maintenance.

### VARIOUS PROTECTIVE SYSTEMS ASSURING SAFETY

This machine

- automatically cut the power off when over-loading DC output. (except for TLW-230ES)
- protect over-loading AC output by shutting down its circuit breaker.
- automatically stop the engine with the warning indicators, at low lub.oil pressure, high water temperature, and insufficient charging of the battery.
- prevent from electrical leaking with its relay. (optional for DAW-180s. DAW-300SS. TLW-230S)

### OPTIONS

Four-wheel kit, exhaust pipe attachment, remote controller, measures against salt damage.