

# REDSTAR DCW-480ESW CC / CV



## SPECIFICATIONS

### DC WELDING POWER

Rated Output (kW)	CC: 17.1 / CV: 16.4
Rated Current(A)	450
Voltage(V)	CC: 38.0 / CV: 36.5
Current Range (A)	Single CC: 60~480 Dual CC: 30~240
Voltage Range (V)	Single CV: 14~37 Dual CV: 14~37
Duty(%)	60

### AC POWER SOURCE

Frequency (Hz)	50
Rated Output (kVA)	15
Rated Current (A)	43.3 / 39.4 / 22.8 / 21.7 / 20.9 / 19.7
Rated Voltage (V)	200 / 220 380 / 400 / 415 / 440
No. of Phase	3-Phase, 4Wire
Power Factor	0.8 (Lagging)
No. of Poles	2
Insulation	Class F

### DIESEL ENGINE

Make / Model	Kubota V1505
Type	water cooled diesel engine
Rated Output (kW)	25.2
Rated Speed (min <sup>-1</sup> )	3000
Fuel	ASTM No. 2 diesel fuel or equivalent
Fuel Tank Capacity (L)	45
Battery x Quantity	12V-70Ah (80D26R)

### UNIT

Length / Width / Height (mm)	1540 / 720 / 885
Dry Weight (kg)	500

### 400A DC Arc Welding Power Source

DCW- 450S can perform high-quality welding on pipelines and other welding methods. (types of welding: Stirck, Tig, Mig Flux-cored, Gouging, etc.)

### High-Capacity High-Performance Generator

The unit can also be used as a 20kVA / 60Hz high-capacity generator. With a voltage regulation of within  $\pm 1.0\%$ . High-quality AC power can be used while welding is being performed.

### Low Fuel Consumption And Long Life

The unit incorporates a low rpm (1,500 / 1,800 min<sup>-1</sup>) high-output diesel engine featuring low fuel consumption. Operation at low speed is easy on the engine, facilitating especially long life.

### Special Design Facilitates Use In Virtually Any Location

The unit has been designed to operate in virtually all locations, from very hot to cold climates. It is ideal for high-quality welding and as a dependable source of power.