

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 ⁻¹)	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

450A DC Arc Welding Power Source

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

High-Capacity High-Performance Generator

The unit can also be used as a 15kVA / 50Hz 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⁻¹) 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.