

DC Welding Rectifier



Features

› MET-WELD welding rectifiers are ideally suited for Manual Metal Arc Welding (MMAW). Also can be used as a Power Source for Plasma Arc Cutting, TIG Welding, Air Gouging etc. The rectifier has arrangement of smooth arc in all positions and minimum spatter making X-ray quality welding. High open circuit voltage gives good strike properties. Large reserve voltage permits longer welding cable. Staples transduction controlled with feedback arrangement throughout the entire range for stability of the arc. Three Phase Transformer fitted with full wave silicon Rectifier Diode assures trouble free services for various welding process.

PARAMETERS	MR-400	MR-600
Supply Voltage	380-440V	380-440V
Phase	3	3
Frequency	50 Hz	50 Hz
Welding Current Range	40-400A DC	60-600A DC
Max Continuous Hand Welding Current @60% Duty Cycle	400 A	600 A
Max Continuous Hand Welding Current @100% Duty Cycle	240 A	360 A
Open Circuit Voltage	80 V DC	80 V DC
KVA Rating	21 KVA	35 KVA
Primary Current at Max. Output	40 A	68 A
Input Supply Cable Section mm ²	16	16
Welding Cable Section Cu	70 MM ²	95 MM ²
Insulation Class	F	F
Type of Cooling	Forced Air	Forced Air
Type of Winding	Copper	Copper
Dimension (in mm) (LxWxH)	584x736x784	594x746x794
Weight (Kg)	250	300