

MRR 1500, MRR 3000

The Multi-Operator Welding rectifiers

RG 500 *The Current Regulator*



MRR 1500 /MRR 3000 Multi-Operator Rectifier will be a wise choice where a large number of welding points are in use. Different jobs require welding current of different value, at varying duty cycle and at different point of time. Such a **diversity in demand** enables the use of **MultiOperator Rectifier** to feed large number of operators through individual regulators. This number can be seen from the attached curve a little study of which reveals that **investment cost per operator** in this case is less than that when individual rectifier set per operator is used.



MRR 1500 and **MRR 3000** sets are **liberally designed** and manufactured with **quality materials** to give a long trouble free service both **indoors** and **outdoors**. Proper **protective relays** and **thermostats** are provided to prevent any damage in the **rectifier banks** and the **main transformer** due to prolonged thermal overload



or momentary overload due to short-circuit. For proper functioning of the sets in an extreme **cold and humid** condition **heating elements** are provided inside the sets which can be switched on before welding is started.

The Ammeter, Voltmeter and all the controls are housed in a **detachable box** for easy **inspection and servicing**.

The **Open Circuit Voltage** can be set at **58, 63 or 68 V** for **MRR 1500** and **55, 60 or 65 V** for **MRR 3000** by selecting suitable primary connections shown in charts given in the manual. To cut down cost of electricity lower Open Circuit Voltage should be chosen.

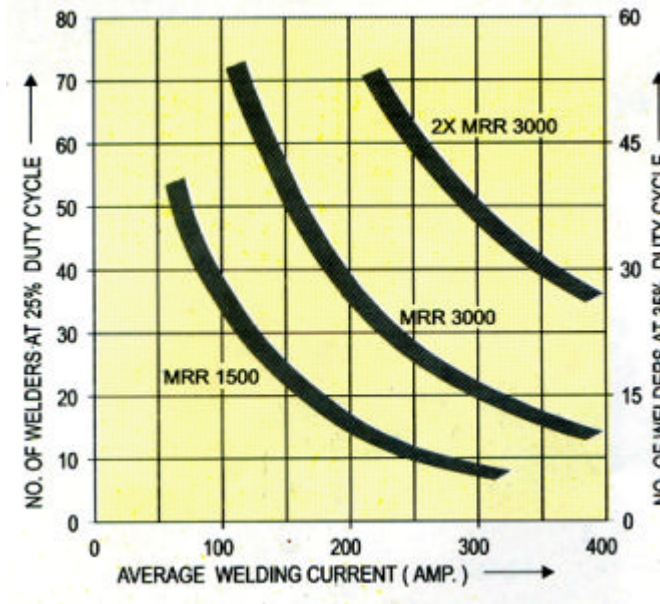
Quality

Performance

Economy

POWERCON --- YOUR WELDING COMPANION WITH A DIFFERENCE

MRR 3000, MRR 1500, RG 500



	MRR 3000	MRR 1500
Input (50 HZ)	220/380/415/ 440/500V	
(60HZ)	220/440/ 550 V	
KVA (at 100% duty)	163	87
Load Current at 100% duty	2400 A	1200 A
at 60% duty	3000 A	1500 A
OCV	55/60/65V	58/63/68V
Welding Circuit Voltage	50/55/60V	55/60/65V
Weight (approx.)	715 kg.	535 kg.
Dimension (Approx.)		
width	870	875
depth	1025	1025
height	1430	1430



SPECIFICATION

Load current	500A (at 100% duty cycle 60V
Welding Circuit voltage	35V
Arc voltage	6A-593A
Welding Current range	6/7A
Current Setting Steps	33Kg.
Weight	400x545x450
Dimension(approx) WxDXH	

POWERCON provides a wide range of Arc Welding Equipment for various welding processes. For more details please contact POWERCON.

POWERCON reserves the right to alter specification without notice.



POWERCON ELECTRIC COMPANY

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