



GL SERIES WELDING RECTIFIERS (DIODE BASED)



A Wide of World Class Welding Rectifiers



SALIENT FEATURES

- Transducer controlled rectifier units.
- 600 Amps ideally suited for gouging application
- Welding rectifiers based on most simple, reliable and maintenance free diode based technology.
- These welding rectifiers are built with most robust and rugged mechanical construction which withstand rough handling at construction and project sites.
- Welding current adjustment and regulation through electromagnetic transducer resulting stepless and smooth current control.

- These welding rectifiers are welder friendly - Very easy to use and operate, maintain and service by ordinary electricians.
- Single knob current control from the front panel or remote control unit (provided optionally.)

- Easy parallel connection of these welding rectifiers possible for high current gouging applications.
- These welding rectifiers can be also used for DC TIG welding applications by connecting suitable TIG control units.




APPLICATIONS

- Most simple, robust and reliable welding rectifiers ideally recommended for heavy duty structural welding of construction equipment like crane, steel foundries, steel and fertiliser plants, shipyards.
- These welding rectifiers are ideally suitable for heavy fabrication shops, project sites with harsh

environment, where maintenance staff is not well equipped and qualified.

- GL 601 is most recommended for heavy duty welding and gouging applications in foundries, steel plants, heavy engineering workshops etc.

SPECIFICATIONS

Technical Specifications	Unit	GL 401	GL 601
Input			
Input Supply :			
Supply Voltage	 Volt	400/440	400/440
Phase	No	3	3
Frequency	Hz	50	50
Input KVA @ 100% duty cycle	 KVA	26	38.5
Input Current @ 100% duty cycle	A	45	70
Recommended switch fuse rating	A	TP50	TP80





Cont.

GL SERIES WELDING RECTIFIERS (DIODE BASED)



A Wide of World Class Welding Rectifiers

Cont.

Output				
Output Characteristic		Type	CC	CC
Open circuit voltage		Volts	80	80
Welding current range		A	50-400	80-600
@ 35% duty cycle		A	NA	NA
@ 60% duty cycle		A	400	600
@ 100% duty cycle		A	310	465
General				
Class of Insulation		Class	B	B
Cooling Type		Type	Fan cooled	
Protection class		Class	IP23	IP23
Dimensions (mm)				
Length		mm	840	907
Height		mm	705	750
Width		mm	905	1005
Weight (approx.)		Kg	275	430

- **Warranty** : One year from the date of commissioning. ADOR WELDING LIMITED warrants that all new equipment sold from Plant/Area Offices / Authorised Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.
- In view of continuous development, ADOR WELDING LIMITED reserves the right to modify/change the design and/or the specifications without any prior notice.
- Backed by dedicated customer care package.