

WELDING RECTIFIERS

A Wide Range of World Class Welding Rectifiers



GL SERIES

- Transducer controlled rectifier units.
- Robust, compact & drip-proof casing.
- Welder friendly - easy to operate.
- 600 Amps ideally suited for gouging application



THYROLUXE SERIES

- Choice of heavy duty model to take care of both welding & gouging – Thyroluxe 600/1000/1200 suitable for welding & gouging applications
- Superior welding performance.
- Ideal constant current characteristics
- Better arc stability over a wider band width of input supply fluctuations
- Protection against Input supply functions i.e. Under Voltage, Over Voltage, Single phasing and overload, short circuit conditions.
- Worry-free on maintenance



CHOPREC SERIES

- High power factor ● High efficiency ● H Class insulation
- Higher productivity – ideal for multi-operator usage at sites or for heavy fabrication shops
- Ideal for welding with longer welding cable lengths
- Excellent welding performance for all electrodes including cellulosic types 6010, 7010G & 8010G



WELDERS TO THE NATION SINCE 1951
ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)
www.adorwelding.com



SALIENT FEATURES:

GL series

1. Transductor controlled rectifier unit hence simple & robust
2. Easy parallel connection for high current gouging application.
3. Stepless smooth current control.
4. Optional remote control facility.



Thyroluxe series

1. Higher OCV for easy arc striking
2. Provided with built-in hot start, antistick & self controlled arc force dynamics
3. Superior welding performance for all electrodes including 6010 & 7018
4. Heavy duty usage, 600 / 1000 / 1200 Amps model suitable for gouging



Choprec series

1. Energy-efficient welding rectifier
2. Higher power factor, higher efficiency, H class insulation
3. Higher welding productivity and reliability
4. Ideal for welding with longer welding cable length and all electrode types



SPECIFICATIONS :		Product Range						
MODELS		GL 401	GL 601	Thyroluxe 401	Thyroluxe 600	Thyroluxe 1000	Thyroluxe 1200	Choprec 401
INPUT	Unit							
Supply Voltage	Volts	400/440	400/440	415, +10%, -15%	415, +10%, -15%	415, +10%, -10%		415, +10%, -15%
Phases	No.	3	3	3	3	3	3	3
Frequency	Hz	50	50	50	50	50/60	50/60	50
Input KVA @ 100% duty cycle	KVA	26	38.5	19.5	31.5	54.0	72.0	14.0
Input Current @ 100% duty cycle	A	45	70	26	44	87	100	21
Recommended switch fuse rating	A	TP50	TP80	TP35	TP60	TP115	TP135	TP30
OUTPUT								
Output Characteristic	Type	CC	CC	CC	CC	CC	CC	CC
Open circuit voltage	Volts	80	80	100	100	100	100	78.5
Welding current range	A	50-400	80-600	10 - 400	20 - 600	100 - 1000	100 - 1200	10-400
Welding current @ 35% duty cycle	A	NA	NA	NA	NA	1000	NA	NA
Welding current @ 60% duty cycle	A	400	600	400	600	850	1200	400
Welding current @ 100% duty cycle	A	310	465	310	465	650	930	310
GENERAL								
Class of Insulation	Class	B	B	H	H	H	H	H
Cooling Type	Type	Forced Air						
Protection class	Class	IP23	IP23	IP23	IP23	IP23	IP23	IP23
Dimensions (mm) L	mm	840	960	835	980	1130	1200	790
Dimensions (mm) W	mm	705	750	435	550	770	770	585
Dimensions (mm) H	mm	905	1005	820	960	1080	1175	770
Weight (approx.)	kgs	275	430	147	216	403	450	125
ORDERING INFORMATION								
Standard Power Source - MMA outfit		PRODUCT CODE F10.34.302.0002	PRODUCT CODE F10.34.302.0004	PRODUCT CODE F10.34.401.0005	PRODUCT CODE F10.34.401.0006	PRODUCT CODE F10.34.401.0035	PRODUCT CODE F10.34.401.0001	PRODUCT CODE F10.34.501.0004
OPTIONAL ACCESSORIES								
Welding Accessories- WAC 400		\$10.64.001.0014	--	\$10.64.001.0014	--	--	--	\$10.64.001.0014
Welding Accessories- WAC 600		-	\$10.64.001.0015	--	\$10.64.001.0015	--	--	\$10.64.001.0014

- **Warranty:** One year from the date of purchase. 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.



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