

# CHOPREC 401

Energy efficient, Chopper based Welding Rectifier



- Faster response time through 40 Khz switching frequency circuits resulting superior welding.
- Improvement in the protection circuits for superior fool proofing against failures
- Improving reliability of key components by a factor of 4 over previous generation which has been done in consultation with component manufacturers.



## ADOR WELDING LIMITED

Central Marketing Office

L. B. S. Marg, Bhandup (W), Mumbai - 400 078 (India).

Phone : 022-2596 2564 / 77, 2596 0285 / 88 Fax : 022-2596 6562, 2596 6062

E-mail : cmo@adorians.com Website: www.adorwelding.com





# CHOPREC 401

Energy efficient, Chopper based Welding Rectifier



## Salient Features

- Improved component reliability resulting trouble free operation at site.
- Chopper frequency increased to 40 Khz (earlier frequency was 20 Khz).
- Improved welding performance with minimal spatter loss.
- Suitable for welding with longer welding cable lengths and for pipeline welding using 6010 & 7010G Cellulosic electrodes.
- Energy efficient welding rectifier, resulting overall power savings up to 35% over conventional welding rectifiers.

TECHNICAL SPECIFICATIONS			
MODEL		CHOPREC 401	
INPUT		Unit	Value
Input Supply Voltage		Volts	415
Phase		Nos.	3
Frequency		Hz	50
Supply Voltage Range		Volts	415, +10%, -15%
Input KVA @ 100% Duty Cycle		KVA	14.0
Max. Input Current @100% Duty Cycle		Amps.	20.0
OUTPUT			
Open Circuit Voltage		Volts (DC)	80
Welding Current Range		Amps.	10 - 400
Output Current @ 100% Duty Cycle		Amps.	310
Output Current @ 60% duty cycle		Amps	400
Protections Provided		Overload, Short Circuit Protection, Single Phase, Under Voltage, Over Voltage	
Cooling		Type	Forced Air
Insulation		Class	H
Protection		Class	IP 23
Dimensions (approx.)			
Length		mm	790
Width		mm	585
Height		mm	770
Weight		kg.	125

Warranty : One year from the date of purchase. ADOR WELDING LIMITED warrants that all new equipment sold from Plant / Area and Territory Offices/ Authorised Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.

\*\* Engine Warranty : Back to back engine warranty as per engine manufacturer.

In view of continuous development, Ador Welding Limited reserves the right to modify / change the design and / or the specifications without any prior notice.

One stop weld-shopping. Non-stop quality

Backed by our dedicated customer care package.

Contact Authorised Distributor :



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