

# THYROLUXE 401/600

**State - of - the - art technology  
which conventional welding rectifiers cannot match  
- with economy every site welding contractor  
and workshop is now searching for**



- Choice of heavy duty model to take care of both welding & gouging (for 600 A model only)
- Superior performance; proven even for critical stove pipe welding
- Better arc stability over a wider band width of input supply fluctuations
- Welder friendly - protected against unfriendly site conditions
- Worry-free on maintenance



**ADOR WELDING LIMITED**

Central Marketing Office

L. B. S. Marg Bhandup (W), Mumbai - 400 C78. INDIA Tel.: +91 22 2596 2564 / 77, 2596 0285 / 88

Fax : +91 22 2596 6562 E-mail : cmo@adorians.com Website : www.adorwelding.com





# THYROLUXE 401/600

Superior welds comparable in quality to welding done by a motor generator



## Salient Features :

- Perfectly balanced wave form rectification provides spatter - free welding with higher metal deposition
- Easy arc striking. High DCV for ease in arc start / restart
- Equipment can withstand rigorous environmental condition
- "Constant current" or "drooping" type output characteristics are ideal for Manual Metal Arc Welding (MMA), Tungsten Inert Gas Welding (TIG) or other welding applications
- Maintenance - free
- Power source provided with in-built Hot start / Antistick and self controlled arc force dynamics
- Power source provided with under voltage, over voltage, single phasing, over load and short circuit protections

## TECHNICAL SPECIFICATIONS

MODEL	UNIT	THYROLUXE 401	THYROLUXE 600
<b>INPUT</b>			
Supply Voltage	Volts	415, +10%, -15%	415, +10%, -15%
Phase	No.	3	3
Frequency	Hz	50 / 60	50 / 60
Characteristics	Type	Constant Current	Constant Current
Max. Input power @ 60 % duty cycle	KVA	23.5	40
Max. Input current @ 60 % duty cycle	A	32.5	55
Recommended switch fuse / rating	A	TP-33	TP-60
<b>OUTPUT</b>			
Open Circuit Voltage	V	100	100
Current Range	A	10-400	20-600
Max. Current @ 60% duty cycle	A	400	600
Max. Current @ 100% duty cycle	A	310	465
<b>GENERAL</b>			
Class of Insulation	Class	F	H
Cooling	Type	Forced Air	Forced Air
Protection class	Class	IP23	IP23
Dimensions (approx.)			
Length	mm	790	930
Width	mm	585	685
Height	mm	810	940
Weight	kg.	160	240
<b>ORDERING CODE</b>	<b>No.</b>	<b>3440105</b>	<b>3440106</b>
<b>OPTIONAL ACCESSORIES</b>			
Welding Accessories		WAC-400	WAC-600
<b>ORDERING CODE</b>		<b>3440105</b>	<b>3440106</b>

3064 1.75K 9 05 JPC

**Warranty :** One year from the date of purchase. ADOR WELDING LIMITED warrants that all new equipment sold from plant / Area , Territory & Field 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 our dedicated customer care package.

Contact Authorised Distributor :



## ADOR WELDING LIMITED

Central Marketing Office & International Business Division

L. B. S. Marg, Bhandup (W), Mumbai - 400 078. INDIA Tel.: +91-22-2596 2564 / 77, 2596 3285 / 88

Fax : +91-22-2596 6562, 2596 6062 E-mail : cmo@adorians.com Website : www.adorwelding.com



Area/Territory/Field Offices: Tel. Nos. : Ahmedabad (079) 5561 2788, 2657 9928 Andheri (022) 2826 0045/46 Bangalore (080) 2558 5125 Baroda (0265) 2362 285, 3959 954 Bhandup (022) 2596 2564/77  
 Bhubaneswar (0674) 2595 743, 2595 415 Chennai (044) 2822 1375, 2822 0816 Coimbatore (0422) 2303 869, 2304 281 Delhi (011) 4141 1049, 4141 1106 Faridabad (0129) 4033 908  
 Guwahati (0361) 2461 923, 2461 936 Hospet 09480194128 Hyderabad (040) 2771 2090 Indore (0731) 2434 220, 4086 940 Jabalpur (0761) 4015 444 Jaipur (0141) 2220 833, 2220 834  
 Jamshedpur (0657) 2427651 Jammu (9419185246 Kochi (0484) 2394 653 Kolkata (033) 2216 3585, 2216 8400 Ludhiana (0161) 5084 496 Lucknow (0522) 3250 033, 3250 034  
 Nagpur (0712) 3299 172 Navi-Mumbai (022) 2757 0099 / 8770 Pune (020) 2747 6906, 2747 3276-77 Rihand (05446) 274979 Raipur (0771) 2562 290, 4041 317 Silchar (03842) 245532  
 Silliguri 09832094887 Sivassa (0260) 3632 287, 3258 843 Sundernagar 09816049001 Trichy (0431) 4001 118, 4001 117 Vasco (0832) 2510 190 Visakhapatnam (089) 5516 166