

TPA 303 / TPA 403

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APPLICATIONS

- AC Arc welding Transformers for light, Medium, and Heavy structural welding, machine building and fabrication work
- Ideal for both Shop and site fabrication welding
- TPA series transformers are 3 phase machines and recommended for applications where, as far as possible, balanced 3 phase load is desired on input supply lines

SALIENT FEATURES

- Forced Air cooled transformers with better cooling of transformer coils resulting lower internal temperature
- Welding current adjustment through horizontal, modern moving core design. Stepless, smooth and infinitely variable current adjustment possible even while welding is in progress
- "Open delta" design enables conversion of 3phase input in to single phase output
- Optimised Open Circuit Voltage (66V), enables welding with most commonly used general purpose AC and AC/DC electrodes for structural welding applications, both within the shop/floor as well as project sites
- Special design - Excellent dynamic characteristics ensure smooth and optimum metal transfer
- Robust design to withstand rough handling at site as well as easily maneuverable from job to job at project sites
- Compact and light weight transformers
- Welder friendly usage - easy to operate since all controls like ON-OFF switch, welding current controlling handle, current scale on the same side i.e. front side



BRIEF SPECIFICATIONS:

MODELS	UNIT	TPA 303	TPA 403
Supply voltage	Volt	380/415	380/415
Phase	No	3	3
Input KVA @ 100% Duty cycle	KVA	16.5	21.0
Open circuit voltage	Volt	66	66
Welding current range	Amp	40-300	60-400
Welding current @ 60% Duty cycle	Amp	225	300
Welding current @ 100% Duty cycle	Amp	175	230
Class of insulation	Class	A	A
Type of cooling	Type	Forced Air	Forced Air
Dimensions (LxWxH)	mm	720x500x800	720x500x800
Weight (approx.)	Kg	125	163



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