



# THYROLUXE 401 / 600

400 / 600 Amp capacity Welding Rectifier Thyristor controlled



## Key Attributes

- Provides a smooth and stable arc with minimal spatter.
- Stepless current control for precise adjustments.
- Welder-friendly remote controller allows easy and convenient current setting from the workplace/job location.
- Easy arc striking and high open circuit voltage (OCV) for easy arc start/restart.
- Equipped with protections against input supply fluctuations, including under voltage, over voltage, single-phasing, overload, and short circuit.
- Power sources come with built-in hot start, anti-stick, and self - controlled arc force dynamics for enhanced performance.



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## TECHNICAL SPECIFICATIONS

MODELS	THYROLUXE 401	THYROLUXE 600	UNIT
INPUT SUPPLY VOLTAGE, PHASE, FREQUENCY	415 +10% / -10%, 3, 50 / 60	415 +10% / -10%, 3, 50 / 60	V AC, NO., HZ
INPUT KVA @ 100% DUTY CYCLE	19.5	31.5	KVA
INPUT CURRENT @ 100% DUTY CYCLE	26	44	A AC
RECOMMENDED SWITCH FUSE RATING	TP - 35	TP - 63	-
OPEN CIRCUIT VOLTAGE	100	100	V DC
WELDING CURRENT RANGE	10 - 400	20 - 600	A DC
WELDING CURRENT RATING	400 @ 60%, 310 @ 100% DUTY CYCLE	600 @ 60%, 465 @ 100% DUTY CYCLE	A DC
WELDING ELECTRODE SIZE	2.5, 3.15, 4.0, 5.0 AND 6.3	2.5, 3.15, 4.0, 5.0 AND 6.3	MM
INGRESS PROTECTION	IP23	IP23	GRADE
COOLING	FORCED AIR	FORCED AIR	TYPE
INSULATION	H	H	CLASS
DIMENSIONS (L X W X H)	835 X 495 X 820	980 X 550 X 960	MM
WEIGHT	147	216	KG