



THYROLUXE 800 / 1000 / 1200

800 / 1000 / 1200 Amp capacity Welding / Gouging Rectifier Thyristor controlled



Key Attributes

- Heavy-duty DC welding and gouging rectifiers based on thyristor technology.
- Constant current drooping characteristics, making them perfect for welding and gouging tasks.
- Equipped with built-in hot start, anti-stick, and self-controlled arc force dynamics for enhanced performance.
- Provides protection against supply fluctuations, including under voltage, over voltage, single phasing, overload, and short circuit.
- Stepless control for easy and precise current adjustments.



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TECHNICAL SPECIFICATIONS

MODELS	THYROLUXE 800	THYROLUXE 1000	THYROLUXE 1200	UNIT
INPUT SUPPLY VOLTAGE, PHASE, FREQUENCY	415 +10% / -10%, 3, 50 / 60			
INPUT KVA @ 100% duty cycle	43.2	54	72	KVA
OPEN CIRCUIT VOLTAGE	95 V \pm 5 V	100	100	VOLTS, DC
WELDING CURRENT RANGE	800 - 1000	100 - 1000	100 - 1200	AMPS, DC
WELDING CURRENT DUTY CYCLE	800 @ 60%, 620 @ 100%	1000 @ 40%, 850 @ 60%, 650 @ 100%	1200 @ 60%, 930 @ 100%	AMPS, DC
GOUGING CARBON ELECTRODE SIZE	6 TO 9	6 TO 12	6 TO 15	MM
INGRESS PROTECTION	IP23			CLASS
COOLING	FORCED AIR			TYPE
INSULATION	H			CLASS
DIMENSIONS (L X W X H)	1025 X 760 X 1100	1130 X 770 X 1080	1200 X 770 X 1175	MM
WEIGHT	325	403	450	KG