



CHAMP T 400

400 AMP CAPACITY WELDING RECTIFIER



Key Attributes

- Three-phase inverter-based DC welder with high efficiency and a high-power factor.
- Suitable for long-distance welding and cellulosic electrodes, including 6010, 7010G, and 8010G types.
- Enhanced reliability with SMD technology.
- Capable of handling heavy-duty welding applications.
- Arc force adjustment available on the panel.
- Light weight, compact, and portable for easy handling.
- Capable of welding with long welding and return cables (100 meters + 100 meters).
- Protections with auto reset:
 - Input supply voltage protections for over and under voltage.
 - Over-temperature protection.
 - Protection against single phasing.



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TECHNICAL SPECIFICATIONS

PARAMETERS	VALUE	UNIT
INPUT SUPPLY VOLTAGE, PHASE, FREQUENCY	415 V +15%, -10%; 3; 50 / 60	VOLTS AC, NO., HZ
MAX. INPUT KVA @ 415V SUPPLY	14 @ 100% DUTY CYCLE, 0.24 @ NO LOAD	KVA
POWER FACTOR	UPTO 0.93	λ
EFFICIENCY	≥ 85	%
OPEN CIRCUIT VOLTAGE	85 V \pm 5	VOLTS DC
WELDING CURRENT RANGE	10-400	AMPS DC
WELDING CURRENT (AT 40°C, 10 MINUTE DUTY CYCLE)	400 @ 60% DUTY CYCLE, 310 @ 100% DUTY CYCLE	AMPS DC
SUITABLE FOR WELDING ELECTRODE SIZE	2.5, 3.2, 4, 5 AND 6.3	MM \emptyset
ARC FORCE SETTING	ADJUSTABLE BY POTENTIOMETER	-
CURRENT DISPLAY (SET CURRENT AND ACTUAL CURRENT)	3 DIGIT -7 SEGMENT DIGITAL PANEL METER	AMPS DC
INGRESS PROTECTION	IP23	RATING
COOLING	FORCED AIR	TYPE
INSULATION	H	CLASS
DIMENSIONS L X W X H	660 X 305 X 530	MM
WEIGHT (APPROX.)	40	KG