

# CHAMP T 400

400 AMP CAPACITY WELDING RECTIFIER



## Key Attributes

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

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## TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS	VALUE	UNIT
INPUT SUPPLY VOLTAGE, PHASE, FREQUENCY	415 V +15%, -10%; 3, 50 / 60	VOLTS, AC, NO., HZ
MAX. INPUT KVA @ 415V SUPPLY	13 @ 100% DUTY CYCLE, 19 @ 60% Duty Cycle, 0.24 @ NO LOAD	KVA
POWER FACTOR	UPTO 0.93	$\lambda$
EFFICIENCY	$\geq 85$	%
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 & 6.3	MM $\varnothing$
ARC FORCE SETTING	ADJUSTABLE BY POTENTIOMETER	-
CURRENT DISPLAY (SET CURRENT AND ACTUAL CURRENT)	3 DIGIT - 7 SEGMENT DIGITAL PANEL METER	AMPS DC
INGRESS PROTECTION	IP 23 (S)	-
COOLING	FORCED AIR	TYPE
INSULATION	H	CLASS
DIMENSIONS (L X W X H)	670 X 315 X 570	MM
WEIGHT (APPROX.)	40	KG