



CHAMP 250

250 AMP CAPACITY WELDING RECTIFIER



Key Attributes

- Three-phase inverter-based, high-efficiency, and high-power factor DC Welder.
- Enhanced reliability thanks to SMD technology.
- Suitable for medium-duty welding applications.
- Arc force adjustment available on the panel.
- Light weight, compact, and portable for easy handling.
- 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	7.5 @ 100% DUTY CYCLE, 0.15 @ NO LOAD	%
POWER FACTOR	UPTO 0.94	KVA
EFFICIENCY	≥ 85	AMPS, AC
OPEN CIRCUIT VOLTAGE	84 V ± 5	mm Ø
WELDING CURRENT RANGE	10-250	TYPE
WELDING CURRENT (AT 40°C, 10 MINUTE DUTY CYCLE)	250 @ 60% DUTY CYCLE, 195 @ 100% DUTY CYCLE	TYPE
SUITABLE FOR WELDING ELECTRODE SIZE	2.5, 3.2, 4, 5	CLASS
ARC FORCE SETTING	ADJUSTABLE BY POTENTIOMETER	CLASS
CURRENT DISPLAY (SET CURRENT AND ACTUAL CURRENT)	3 DIGIT -7 SEGMENT DIGITAL PANEL	TYPE
INGRESS PROTECTION	IP23	MM
INSULATION	H	KG
DIMENSIONS L X W X H	520 X 260 X 410	MM
WEIGHT (APPROX.)	26	KG