

CHAMP T400

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APPLICATIONS

- These Energy Efficient, latest Inverter based rectifier units are suitable for Manual Metal Arc welding (SMAW) process with all general purpose and special electrodes like 7018 type etc
- Ideally suitable for light, Medium and Heavy duty, all purpose industrial, structural welding applications both within shopfloor and at project sites including construction of power plants, Refineries and cement plants etc
- These welding rectifiers can be also used for DC TIG welding applications by connecting suitable TIG control units (HF 2000 / 2000 AD / 3000 / 3000 AD)
- Most recommended for project site applications, where easy portability/mobility, light weight compact machines are desired due to space constraints etc as well as when they are to be used at some heights above the ground level

SALIENT FEATURES

- Inverter (IGBT) based, energy efficient welding rectifiers for heavy duty structural welding applications
- High power factor, high efficiency resulting energy savings up to 35% over thyristorised rectifiers
- Provided with protections against Over voltage, Under Voltage, Overload and Single phasing
- Welder friendly operation-Arc force adjustments provided on the front panel
- Enhanced reliability due to SMD technology in PCB design and manufacturing
- Robust mechanical construction - recommended for hostile operating conditions and heavy duty usage at project sites
- Suitable for TIG welding at site by using external HF control unit like HF 2000 / HF 3000



BRIEF SPECIFICATIONS:

MODELS	UNIT	CHAMP T400
Supply voltage	Volt	415
Phase	No	3
Input KVA @100% Duty cycle	KVA	11
Open circuit voltage	Volt	72
Welding current range	Amp	10-400
Welding current @ 60% Duty cycle	Amp	400
Welding current @ 100% Duty cycle	Amp	310
Type of cooling	Type	Forced Air
Class of insulation	Class	H
Dimensions (LxWxH)	mm	610x295x520
Weight (approx.)	Kg	32



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