

CHAMP 250 / CHAMP 400 / CHAMP 500 / CHAMP 600

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APPLICATIONS

- These Energy Efficient, latest Inverter based rectifier units are suitable for Manual Metal Arc welding (SMAW) process with all electrodes including specials like 6010, 7010G and 8010G electrodes
- Ideally suitable for light, Medium and Heavy duty, all purpose industrial, structural welding applications both within shop floor and at project sites
- 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

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 250	CHAMP 400	CHAMP 500	CHAMP 600
Supply voltage	Volt	415	415	415	415
Phase	No	3	3	3	3
Input KVA @ 100% Duty cycle	KVA	7.5	14.0	17.5	22.0
Open circuit voltage	Volt	72	80	89	89
Welding current range	Amp	10-250	10-400	20-500	20-600
Welding current @ 60% Duty cycle	Amp	250	400	500	600
Welding current @ 100% Duty cycle	Amp	195	310	387	465
Class of insulation	Class	H	H	H	H
Actual Dimensions (LxWxH)	mm	520x260x450	740x490x720	670x450x620	670x450x620
Weight (approx.)	Kg	26	67	63	65



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