

CHAMP T400

The new world class inverter based DC Indigenous welder



- Three phase inverter based, high efficiency and high power factor DC Welder
- Enhanced Reliability due to SMD technology
- High frequency IGBT based Rectifier
- Arc force adjustment on panel
- TIG Welding possible with External HF Unit
- Light weight, compact and portable power source for easy handling at all work places including project sites
- Robust and Reliable design - withstands harsh environments



WELDERS TO THE NATION SINCE 1951
ADOR WELDING LIMITED

(Formerly Known as Advani-Oerlikon Ltd.)

www.adorwelding.com



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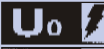





SALIENT FEATURES

- Latest PWM inverter technology
- IGBT based
- High efficiency
- Built in Hot Start
- Smooth and stable arc with minimum spatter
- Controls provided for adjustments of Arc force
- TIG operation possible with external HF TIG Control unit.

PROTECTIONS WITH AUTO RESET

- Input Supply Voltage protections for over and under voltage
- Over Temperature
- Protection against Single phasing



TECHNICAL SPECIFICATIONS	UNIT	CHAMP T400
INPUT		
Input Supply: Voltage 	Volts.	415 , +15%, -10%
Phase	No.	3
Frequency	Hz	50/60
Max. Input KVA@415Vac @ 100% duty cycle 	KVA	12
@No Load	KVA	0.24
Power Factor	CosØ	Upto 0.93
Efficiency	%	≥ 85
OUTPUT		
Open Circuit Voltage 	Volts	72 Vdc
Welding Current Range 	Amps	10-400
Welding Current (40°C) @ 60% duty cycle (10 minute cycle) 	Amps	400
@ 100% duty cycle	Amps	310
GENERAL		
Suitable for Welding Electrode Size	mm Ø	2.5, 3.2, 4, 5 and 6.3 mm
Arc force setting		Adjustable by Potentiometer
Built in Hot Start		25% more than set current for 2 second
Current Display (Actual)	A	3digit – 7 segment digital panel meter
Ingress Protection 	Class	IP23
Cooling	Type	Forced Air
Insulation	Class	H
Welding Output Terminals		Stud type for Lug type cable connections
Dimensions		
Length 	mm	610
Width	mm	295
Height(with handle)	mm	520
Height(without handle)	mm	480
Weight (approx.) 	Kg	32
ORDERING INFORMATION		MODEL
Power Source	CHAMP T400	PRODUCT CODE
Welding Cable Assembly (Optional) 5mtr.		F10.34.501.0013
Remote control unit (Optional) 10 mtr.		S17.01.002.0059
Earthing Cable Assembly (Optional) 5mtr.		S17.01.002.0049
		S17.01.002.0050

- **Warranty:** One year from the date of purchase. ADOR WELDING LIMITED warrants that all new equipment sold from Plant/Area Offices / Authorised Distributors are free from defects in materials and workmanship and will perform in full accordance with applicable specifications.
- In view of continuous development, ADOR WELDING LIMITED reserves the right to modify/change the design and /or the specifications without any prior notice.
- Backed by dedicated customer care package.



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