

CHAMP 150 / CHAMP 180

The new world class inverter based
Indigenous DC welders



- Single phase, inverter based, high efficiency and high power factor DC Welders
- Enhanced Reliability due to SMD technology
- H insulation class
- High frequency IGBT based Rectifier
- Ideal for maintenance and light duty production jobs
- TIG Welding possible with Lift Arc technique



WELDERS TO THE NATION
ADOR WELDING LIMITED

(Formerly Known as Advani Oerlikon Ltd.)
www.adorwelding.com



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SALIENT FEATURES

- Lightweight, compact and easy to carry any where – ideal for maintenance / repair welding
- Latest IGBT based inverter technology
- Operates on 230V AC (+15%, -20%), 50Hz, single-phase mains supply
- High power factor
- High efficiency (>80%)
- Smooth and stable arc with minimum spatter
- Hot start / arc force control / soft arc control features available as standard
- Fan on demand fan-operates only when power components are heated beyond certain temperature reduces the suction of contaminated air, enhancing welder reliability



PROTECTIONS

- Over voltage and under voltage protection for input supply
- Over Temperature

SPECIFICATIONS

TECHNICAL SPECIFICATIONS	UNIT	CHAMP 150	CHAMP 180
INPUT			
Input Supply:			
Voltage	Volts.	230, +15%, -20%	
Phase	No.	1	
Frequency	Hz	50/60	
Max. Input @ 100% duty cycle	KVA	3	3.3
OUTPUT			
Open Circuit Voltage	Volts +/-5%	88	88
Welding Current Range	Amps	5-150	5-180
@ 30% duty cycle	Amps	150	180
@ 60% duty cycle	Amps	120	140
@ 100% duty cycle	Amps	80	100
GENERAL			
Ingress Protection	Class	IP23	
Cooling	Type	Forced Air	
Insulation	Class	H	
Dimensions (approx.)			
Length	mm	390	
Width	mm	115	
Height	mm	265	
Weight	Kgs	6.3	7
ORDERING INFORMATION		MODEL	PRODUCT CODE
Power Source		CHAMP 150 CHAMP 180	F10.34.401.0015 F10.34.401.0018
Standard Accessories		Welding cable Assembly Earthing Cable assembly	017.01.003.0130 017.01.003.0131
OPTIONAL ACCESSORIES			
TIG Torch		HIPROTIG-151-TV-4	015.01.002.0323



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5/A, Corpora, L. B. S. Marg, Bhandup (West), Mumbai - 400 078. INDIA
Tel: +91 22 6623 9300/35, 2596 2564/2596 8326. Fax: +91 22 2596 6562/6062 Email: cmo@adorians.com