

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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Indigenous DC welders



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		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	

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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