



## CHAMP 1200 - GOUGEMASTER



The world class Inverter based DC Welder with High Current Gouging Facility



### GENERAL

- Three phase inverter based, high efficiency and high power factor DC Welder
- Suitable for normal Electrode Welding as well as gouging at high currents
- Enhanced Reliability due to SMD technology

### PROTECTIONS WITH AUTO RESET

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

### SPECIFICATIONS

Technical Specifications	Unit	Champ 1200
<b>Input</b>		
Input Supply :		
Voltage	Volt AC	415 , +15%, -10%
Phase	No	3
Frequency	Hz	50/ 60
Max Input KVA @ @ 100% duty cycle	KVA	55
Input Supply Current @ 100% duty cycle (1000 Amps)	Amps, AC	76
Input Supply Current @ 60% duty cycle (1200 Amps)	Amps, AC	92
Power Factor @ 100% duty cycle		0.93
Efficiency @ 100% duty cycle	%	≥ 85
<b>Output</b>		
Open Circuit Voltage	Volt,DC	90
Welding Current Range	Amps,DC	100-1200
Welding Current (40°C 10 minute cycle)		
@ 60% duty cycle	Amps,DC	1200
@ 100% duty cycle	Amps,DC	1000
<b>General</b>		
Suitable Welding Electrode size	mm Ø	3.2, 4, 5 and 6.3 mm
Suitable for Gouging Electrode Size	mm Ø	Up to 12 mm
Remote Control (Optional)		10 meter Remote Control provided as optional for current setting
Ingress Protection	Class	IP23
Cooling	Type	Forced Air
Insulation	Class	H

Cont.



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Cont.

Welding Output Terminals		Stud type for Lug type cable connections
Dimensions		
Length	mm	930
Width	mm	525
Height (with handle)	mm	950
Weight (approx.)	Kg	115
<b>Front Panel Functions</b>		'MAINS ON' - Green LED Indication
		'MMA/GOUGING' - Red LED Indication
		'REMOTE ON' - Red LED Indication
		'TRIP' - Red LED Indication if Machine is under Protection Mode
		Current Adjustment Encoder
<b>Protections (Auto - Reset)</b>		Over Voltage, Under Voltage, Single Phasing
		Over Temperature

- **Warranty** : One year from the date of commissioning. 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.

Contact Us :For all your welding accessories, equipments, safety product needs and services  
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