

Creating the best welding experience


peace of mind™



Ultra Durable
Champ 400 X

Champ 400 X

Inverter based DC welder



CHAMP 400 X from ADOR is a most reliable and dependable workhorse SMAW welding machine proven for a wide range of applications (which can also be used for TIG Welding by using external HF Unit). The Inverter based power source with tropicalized zero-maintenance design enables welder to obtain the desired arc current with ease.



SALIENT FEATURES

- High efficiency and high-power factor DC Welder.
- VRD feature to reduce output voltage to safe level with VRD ON/OFF switch.
- Suitable for Heavy duty Welding application.
- Hot Start and Arc force adjustment on panel.
- Complies to IEC 60974-1 Standard.
- Light weight, compact and portable for easy handling.

PROTECTIONS WITH AUTO RESET

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

| Technical Specifications | Value | Unit |
|--|---|-------------------|
| Supply Voltage, Phase, | 415V+15%,-10%; 3; 50/60 | Volts Ac, No., Hz |
| Input Power @ 415 V | 13 @ 100% Duty Cycle, 19 @ 60% Duty Cycle, 0.2 @ No Load | KVA |
| Input Supply Current @ 415v | 18 @ 100% Duty Cycle, 26 @ 60% Duty Cycle, 0.24 @ No Load | Amps AC |
| Efficiency | ≥ 85 | % |
| Power Factor | 0.93 Max | λ |
| Open Circuit Voltage @ 415 V Input Supply | 70 V(+/-5V) | Volts Dc |
| Welding Current Range | 10-400 | Amps Dc |
| Welding Current (at 40°C & 10 Minute Duty Cycle) | 310 @ 100% Duty Cycle, 400 @ 60% Duty Cycle | Amps Dc |
| Arc Force Control (MMA Mode) | 0 -100 (80A More Current than Set Current When Set at full) | % |
| Hot Start (MMA Mode) | 0 -100 (Hot Start Set % More Than Set Current) | % |
| Welding Electrode Sizes (Diameter) | E-6013 and E-7018: 2.5-6 mm; | mm |
| Remote Controller (Optional) | Provided as Optional for Current Setting | 10 Meter |
| Cooling | Forced Air | Type |
| Class of Insulation | H | Class |
| Degree of Protection | IP23 (S) | Degree |
| Dimensions L X W X H | 580 mm X 237 mm X 440 mm | mm |
| Weight (approx.) | 24 | Kg |

- **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.

ADOR WELDING LIMITED

www.adorwelding.com