

## **CHAMP 400 X**

INVERTER BASED DC WELDER



## CHAMP 400 X



### Key Attributes

- High efficiency and high power factor DC welder.
- VRD feature to reduce output voltage to safe level with VRDON / 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.
- Input supply voltage protections for over and under voltage.
- Over temperature protection.
- Protection against single phasing.

### Ordering Code

FG Code	Description
F10.34.501.0169	MMA Welding Inverter Based Power Source Model: Champ 400 X with 5m Supply Cable & Cam Lock Connector, 5m Welding Cable Assly with Holder, 5m Earthing Cable Assly with Clamp
F10.34.501.0170	MMA Welding Inverter Based Power Source Model: Champ 400 X With 5m Supply Cable & Cam Lock Connector,5m Welding Cable Assly With Holder,5m Earthing Cable Assly With Clamp,10m RCU



## Technical Specifications

Parameter	Value	Unit
Supply Voltage, Phase	415V + 15% - 10%; 3 PH, 50 / 60 HZ	Volts AC, Ø, 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	-
Open Circuit Voltage @ 415V 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 (80 A 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
INGRESS PROTECTION	IP 23 (S)	-
DIMENSIONS (L X W X H)	580 X 237 X 454	MM
WEIGHT (APPROX.)	24	KG



**ADOR WELDING LIMITED**

Dubai Showrooms, Jebel Ali Free Zone Dubai, United Arab Emirates

☎ +971 527198955 | ✉ international@adorians.com | 🌐 www.adorwelding.com

