



ARC 300i

Compact Inverter for MMA Welding



Compact and Efficient

Arc 300i is an IGBT based Inverter controlled powersource designed for MMA welding. The compact design enables easy portability with continuous welding capabilities.

- Inverter based for Energy Efficiency.
- Light weight for improved portability.
- Protection against Over-Temperature, Under-Voltage, Over-Voltage, Single-Phasing.
- User friendly controls –Adjustable Arc force and Hot start.
- In-built Miniature Circuit Breaker –protection from abnormal input supply.

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Industry

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- Repair and Maintenance
- Civil Construction



Specification

Mains supply, V/Ph, Hz	415 ±10% / 3, 50
Max. Input Current, A	16
Permitted load at 30% duty cycle, A	300
Permitted load at 60% duty cycle, A	250
Power factor (max)	0.90
Efficiency at maximum current, %	85
Current range, A	30 -300
Opencircuit voltage (OCV), V	74
VRD Voltage, V	< 35
Dimensions l x w x h, mm	440 x 220 x 360
Weight, kg	15
Enclosure Class	IP21
Cooling	Forced Air
Hot Start	Adjustable
Arc Force	Adjustable

Ordering Information

Description	Part number
Arc 300i	4610210300
Holder HC 600	2002001004
Earth Clamp 300	2002002004
HFR Welding Cable Cu 35 Sq mm	4600600181
Eco Arc II Helmet (83 X 108mm)	0700000986
Filter Lens - Shade 11, 83x108	0701416373
Filter Lens - Shade 13, 83x108	0701416376
A20 Auto-Darkening Helmet	0700000720
QDO 300 Drying Oven	2002003001
Bench Oven	2002003005
Welding Hand Gloves (5 pairs)	2001005011
Welding Apron (Large)	2001007001

Note: Arc 300i is delivered with 2.5m mains cable, 5m remote and 2 OKC cable connectors



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