

# ARC 300i

## Compact Inverter for MMA Welding



Arc 300i

### Compact and Efficient

Arc 300i is an IGBT based Inverter controlled power source 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

- Light Fabrication
- Furniture & decorative products
- Repair and Maintenance
- Civil Construction



## Specifications / Technical data

	Arc 300i
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
Open circuit 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	Description	Part number
Arc 300i	4610210300	Holder Handicool HC 300	2002001008
HFR Weld Cable Cu 35 sq.mm	4600600181	Earth Clamp 300	2002002004
HFR Weld Cable Cu 50 sq.mm	4600600182	EcoArc-II Helmet (83x108 mm)	0700000986
Cable Connector 35-50 sq.mm Male	2002004001	A20 Auto-Darkening Helmet	0700000720

Note: Arc 300i is delivered with 2.5m mains cable.



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