

Arc 301i

Compact Inverter for MMA Welding



ESAB Arc 301i

Compact & Efficient

Arc 301i is an IGBT based inverter-controlled power source with robust and reliable design for MMA welding . The compact design enables easy portability with continuous welding capabilities.

- Inverter based design for Energy Efficiency.
- Protection against Over-Temperature, Under-Voltage, Over-Voltage and Single-phasing
- User friendly controls – Adjustable Arc force and Hot start
- Voltage Reduction Device (VRD) for increased safety at workplace

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Industry or Process

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



Control Panel

ARC 301i

Specifications	
Mains Supply, V / Ph,Hz	415 V $\pm$ 15% / 3, 50/60
Maximum Input Current, A	16
Rated KVA	11
Output Range, A	30 - 300
Duty Cycle 30%, A	300
Duty Cycle 60%, A	250
Open Circuit Voltage, V	70
VRD Voltage,V	< 15
Power Factor	0.9
Efficiency, %	> 85
Protection Class	IP21
Insulation Class	H
Operating temperature, deg C	-10 to +40
Weight, Kg	15
Dimensions (L x W x H), mm	440 x 220 x 360
Standards of conformity	IEC60974-1

Ordering Information	
Description	Part Number
ARC 301i	4610210301

Arc 301i is delivered with 2.5m mains cable, 5m remote and 2 OKC cable connectors



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