



**Shri Balaji Alloys  
Corporation India**



# ARC - 250

DIGITAL INVERTER BASED WELDING MACHINE

## PROPERTIES

This is a heavy-duty DC welder that is highly efficient and has a high power factor. It can handle all types of electrodes and is suitable for welding exercises in all positions. It comes with self-regulating compensation for voltage fluctuations within  $\pm 20\%$ . The design is lightweight, compact, and flexible with outstanding welding features and high power output. It is designed and approved for outdoor applications with an IP 23S rating and equipped with a VRD system for your protection. It has flexible hot-start and arc force features designed for precise welding. The product is reliable, requires low serviceability, and can be mechanized for on-site welding applications.

## TECHNICAL DATA

Specification	Unit	ARC 250
Input voltage	Volt	AC 415 $\pm$ 15%
Phase	No	3
Frequency	Hz	56/60
Max input KVA@100% duty cycle	Kva	9.8
Open circuit voltage	Volt	65
Welding current range	Amps	10-300
Welding current @60% duty cycle	Amps	300
Welding current @100% duty cycle	Amps	240
Power factor	Cos $\Phi$	0.94
Suitable electrode diameter	mm $\Phi$	1.6, 2.5, 3.2, 4 and 5
Cooling	Type	Forced Air
Dimensions (LxWxH)	mm	426x212x357
Weight (approx)	kg	14

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