



**Shri Balaji Alloys  
Corporation India**



# ARC 630

Three phase inverter based

## PROPERTIES

This is a heavy-duty DC rectifier with a three-phase inverter-based system that ensures high efficiency, a high power factor, and an IP 23S rating for outdoor use. It is versatile enough to be mechanized from channels or alternator communications, and can even be used with additional source cable work for on-site applications. It can be used with a wide range of electrodes in any welding environment and has a high resistance to ambient temperatures of up to 55°C. The device has a controlled Open Circuit Voltage and VRD system for your safety, and it is applicable for all types of gauging operation. Its flexible hot-start and arc force are designed for precise welding and can work with 100 meters of output cable without a current drop.

## TECHNICAL DATA

Specification	Unit	ARC 630
Input voltage	Volt	AC415±15%
Phase	No	3
Frequency	Hz	50/60
Max input KVA@100% duty cycle	Kva	20.5
Open circuit voltage	Volt	85
Welding current range	Amps	20-630
Welding current @60% duty cycle	Amps	630
Welding current @100% duty cycle	Amps	465
Power factor	CosΦ	N/A
Suitable electrode diameter	mmΦ	1.6, 2.5, 3.2, 4, 5 and 6.3
Cooling	Type	Forced Air
Dimensions (LxWxH)	mm	670x320x640
Weight (approx)	kg	52

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