

## INVERTERISED GOUGING RECTIFIER UNBELIEVABLE PERFORMANCE



OSTEC 600i *Plus* is a welding rectifier for heavy duty applications including gouging.

It is an Inverterised power source designed using IGBT. Topology used is unique & makes the power source most reliable in the market. The power source is rated for 100% duty cycle @ 600A. / 32V for manual operation & 100% duty cycle @ 500A. / 30V for continuous automatic operations.

The power is most suitable for manual gouging operations @ 500A @ 45V. The input current is in the range of 35A @ 430V input supply. The saving of energy in comparison to conventional type of power sources varies from 60% to 70%. The investment is recovered within very short span of time.

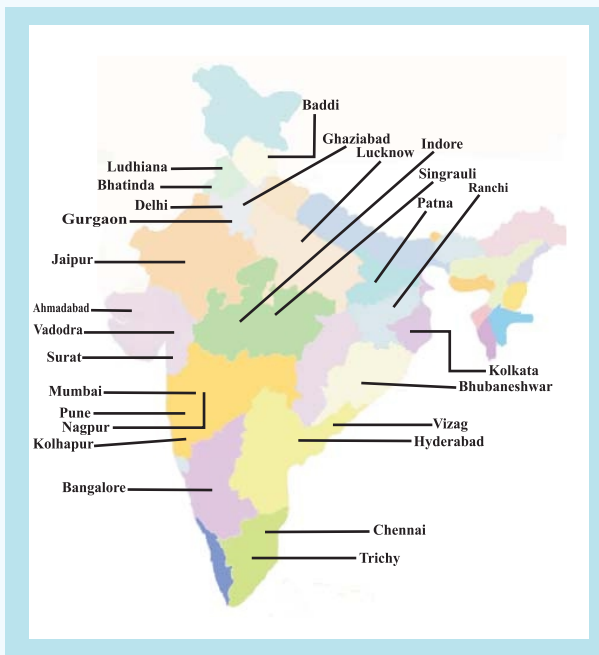
## FEATURES :

- ❖ Frequency Modulated Power Source operates in the range of 100KHZ Switching Frequency.
- ❖ Immune to input voltage fluctuation upto -15%/+15%.
- ❖ Remote possibility of IGBT & PCB failure.
- ❖ Rated for heavy duty application.
- ❖ Microprocessor Controlled programmable interface for selection of parameters like Arc length control, Hot / Creep start, Arc force control & other welding parameters.

Can replace any gouging machine used in foundries for cutting runners & risers, as well as continuous auto TIG welding for Tube Mills.

## TECHNICAL SPECIFICATIONS

<b>Input Supply</b>	<b>3Ph, 400Volts +15%, -15%, 50Hz.</b>
<b>Current Range</b>	<b>20 - 500Amps.</b>
<b>Current @ 60% Duty Cycle</b>	<b>500Amps.</b>
<b>Current @ 100% Duty Cycle</b>	<b>430Amps.</b>
<b>Open Circuit Voltage</b>	<b>60 – 90 V</b>
<b>Class of Insulation</b>	<b>“H”</b>
<b>Type of Cooling</b>	<b>Forced Air Cool</b>
<b>Weight</b>	<b>60Kgs.</b>



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Technical specifications are subjected to change because of continuous upgradation of products for better performance.