

IGBT WELDING INVERTER



THE MOST RUGGED, TIME TESTED RELIABLE TECHNOLOGY FOR INDIAN INDUSTRIES

FEATURES :

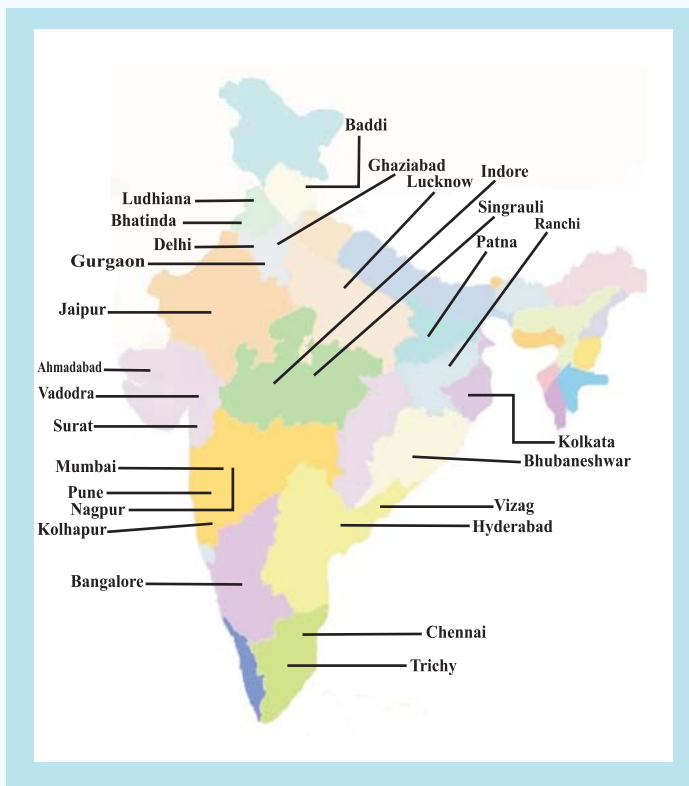
- ❖ IGBT Inverterised Welding Rectifiers designed to work reliably under severes industrial and climatic conditions.
- ❖ Protections against over voltage / under voltage, over heating, short circuiting etc with Indicators / annunciations.
- ❖ Remote Current Control Facility.
- ❖ Power factor & efficiency over 90%.
- ❖ TIG Welding applications with High Frequency / Lift Arc / Scratch Start.
- ❖ Most reliable, least maintenance.
- ❖ Maximum Power saving (Upto 60%).
- ❖ Replaces Conventional type of rectifiers for all applications.
- ❖ Display for Current and Voltage.

TECHNICAL SPECIFICATIONS

MODEL	SOLARIS 400	SOLARIS 500
Input Supply	3Ph, 400Volts, +20%, -25%, 50/60Hz.	3Ph, 400Volts, +20%, -25%, 50/60Hz.
Open Circuit Voltage (V)	75-85	75-85
Current Range (A)	4-400	5-500
Current @ 60% Duty Cycle (A)	400	500
Current @ 100% Duty Cycle (A)	310*	400
Enclosure Protection	IP - 23	IP - 23
Class of Insulation	H	H
Type of Cooling	Suction Cooled	Suction Cooled
Dimensions (W x D x H)mm	640 x 355 x 450mm	720 X 375 X 480mm
Weight	45 Kgs.	50 Kgs.

NOTE :

* Solaris 400 is rated for 310Amps @ 32Volts Continuous loading for 60mins, without tripping.



**SALES AND SERVICE
NETWORK (INDIA)**

✚ **Centralized services :-**
service@technocratplasma.com

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

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