



for Welding Excellence

# THYRISTOR CONTROLLED WELDING RECTIFIERS

GE series products are Thyristor control Manual Arc Welding Rectifiers, ideally suitable for precision and repeatable welding applications in MMAW, TIG welding. (For TIG welding a separate TIG control unit is required)

'MOGORA' make GE series, fully thyristorised MMA welding Rectifiers are built, using state of art solid state technology and designed to meet the stringent demands of high quality radiographic welding for today's fabrication industries, also including Nuclear power plants, Chemical process plants, Off shore work, Defense, Steel plant, Thermal power plant, Mining and Structural fabrications. Also best suitable for Pipe welding.



- **Hot Start**
- **Arc Force**

## SPECIAL FEATURES

- True vertical welding current characteristics with higher open circuit voltage.
- Immunity from AC input voltage fluctuations, with built-in over load and thermal cut-off protections.
- Stable arc with regular droplet transfer and elimination of spatter generation.
- Effective prevention of electrode freezing.
- Single range current control with remote control facilities.
- Protection against HF interference.
- Excellent reliability with high performance suitable for outdoor, on site use.
- **Hot Start**:- Facilitates for easy arc striking.
- **Arc Force**:- Helps sound results on weld deposits.
- Adjustable Arc Force and welding Current.
- Suitable selection of Welding current and Arc force, can adjust the melt transition mode and Improve Arc Blowing force and stiffness.

## SPECIFICATIONS

Parameter	Unit	GE-402	GE-602
Control Method		Thyristor	
Input Supply Voltage	VAC	3Phase,415±10%	
Frequency	Hz	50/60	
Rated Primary Input	KVA	24	45
Output Current Range	Amps	40-400	60-600
Max. Welding Current @60% Duty Cycle	Amps	400	600
@100 % Duty Cycle	Amps	310	470
Max. No Load Voltage	VDC	68	79
Operating Arc Voltage	VDC	36	44
Cooling		Forced Air	
Insulation	Class	F	
Weight	Kg	210	290
Dimensions	mm	510X740X900	600X770X1040

JUICE/ May-06/Qty-1000 Nos.

## OPTIONAL

Sr.No	Accessory	Qty
01	Electrode Holder	01 No.
02	Earthing cable	01 No.
03	Remote Controller (With 10 mtr. Cable)	01 No.

*Excellent X-ray quality welding*



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