

WELD EXCEL

FOR EXCELLENT WELDS

INVERTER MIG/MAG/MMA WELDER

PROCESSES:

MIG

Flux Cored

MMA

TIG(Scratch)

MODI MIG 600I

SALIENT FEATURES



CC/CV

IGBT

4 Roll Drive

- * High frequency 20KHz IGBT inverter technology provides lightweight and low power consumption for energy saving.
- * Unique trigger signal protection coordinate with worldwide cutting-edged IGBT module and fast recovery diode module guarantee high reliability.
- * Contains electric circuit to protect against over-current, over heat, over voltage and short-voltage, safe to operate.
- * Unique design of dynamic characteristic feedback control provides optimal metal transfer and better bead appearance, reduces spatter and fumes, makes it perfectly suitable for flux-cored wire welding.
- * High OCV & low feeding speed program combined with ball-end eliminated function ensure 100% one-time ignition.
- * Accurate setting of the welding parameters is easily achieved by user-friendly design that allows more selection.
- * More flexibility for Heavy Fabrication job with interconnecting cable of 5 meter which further can be increased upto 25 meter(optional).
- * Maximum wire speed can be achieved upto 25 m/min.
- * CC/CV designed machine suitable for multiprocesses i.e. MIG, MAG, FCAW, MMA and Scratch TIG.

TECHNICAL PARAMETERS

Input power voltage(V)	AC415(Three Phase) \pm 15%	Output voltage range(V)	18-44
Rate input power capacity(KVA)	33.4	Max OCV	70
Rated input current(A)	45	Efficiency(%)	85
Input voltage frequency(Hz)	50/60	Power factor(COS ϕ)	0.93
Rated output current(A)	600	Insulation Class	H
Rated output voltage(V)	44	Protection Class	IP23
Output current range(A)	100-600	Weight(KG)	58
Duty cycle (10 min)	60%		

WIRE FEEDER

Type	Separate	Working wire speed(m/min)	2.5-17
Postflow time(s)	1 \pm 0.5	Max wire speed(Optional)(m/min)	25
Rated voltage(V)	24	Weight(Kg)	10
Rated current	5		

*In view of continuous development, Weld Excel India Ltd. reserves the right to modify/change the design or the specification without any prior notice.



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