

Technical specification of Inverter Based Multiplexing welding Machine

The welding plant is manual arc-welding 4x1 combination power source with IGBT inverter technology. Ideally suited for continuous use for heavy fabrication. Excellent power saving with MO rack.

TECHNICAL SPECIFICATION	UNIT	VALUE (EACH UNIT)
Input voltage	V	415(±10%)
Phase	No.	3
Frequency	Hz	50/60
Open circuit voltage	V	72
Current range	A	40-400
Welding current at	60% duty cycle	400
	100% duty cycle	310
Power factor		0.93
Rated input power	KVA	18
Rated output voltage	V	36
No- load loss	W	200
Efficiency	%	>0.85
Diameter of rod	mm	1.6-6.3
Insulation	Class	H
Protection	Type	IP 23
Packed dim. (WxLxH)	mm	565x283x495
Weight	Kgs	32

STANDARD ACCESSORIES


- Multi operator rack
- Electrode holder
- Earth clamp
- Welding cable
- Earth lead
- Fast plug

OPTIONAL ACCESSORIES

Remote Control with 10 mtr.
Cable

Other Conditions

- The equipment shall be under warranty/guaranteed for three years from the date of successful commissioning on the equipments at ELS/TKD.
- The decision of Railway in regard to the cause of failure or nature of rectification to be carried out by the supplier during guarantee period shall be final and binding on the part of contract.
- The transportation will be at the supplier cost during warranty / guarantee repairs.
- Technical literature:- Contactor has to supply at least 02 copy of technical literature / operating manual along with diagram circuit equipment.
- Training:- The supplier shall provide training for operating maintenance and trouble shooting of problems generally arises in handling of equipment.
- Inspection:- Inspection by Sr. DEE/TRS/ELS/TKD or his authorized representative.
- Commissioning of Equipment:- Commissioning of equipment at consignee place with out any obligation.


(Sr. DEE (TRS) ELS/TKD

New Delhi-110044.

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