

FONTECH THUNDER-i 400 WITH VRD



DC POWER SOURCE FOR MMA WELDING WITH IGBT BASED INVERTER TECHNOLOGY

FONTECH THUNDER-i 400

DC power source for MMA with IGBT based inverter technology, these DC power sources have excellent arc characteristics which can be used with any electrode for getting high quality welds. Suitable for fabrication, shipyards, steel construction, pipe welding and maintenance.

FEATURES

- Step less control of all the welding parameters.
- Excellent welding characteristics in MMA with any kind of electrodes and in TIG with “lift” mode.
- Low energy consumption.
- High reliability when used with generator sets.
- Automatic compensation for input voltage fluctuations within + 10% /- 15%.
- Digital Ammeter and Voltmeter with welding current preset.
- Selection switch for activating VRD function.
- Option for remote control function.

TECHNICAL SPECIFICATIONS

DESCRIPTION	THUNDER-i 400
Input voltage	415 (+ 10%/- 15%) V AC
Phase	3 No.
Frequency	50 Hz
Open circuit voltage	72 V
Current range	30-400 A
Welding current	
at 60% duty cycle	400 A
at 100% duty cycle	310 A
Power factor	0.9
Rated input capacity	17 KVA
Rated input current	30 A
Efficiency	>85 %
Insulation	H Class
Protection	IP 23 Type
Dimensions (LxWxH)	525x261x525 mm
Weight	26 Kg

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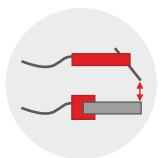
**DC POWER SOURCE FOR MMA
WELDING WITH IGBT BASED
INVERTER TECHNOLOGY**

FEATURES

- Reduced weight and size, easy-to-carry innovative and compact design.
- Adjustable HOT START to improve arc striking with the most difficult electrodes.
- Adjustable ARC FORCE to choose the best arc dynamic characteristics.
- Electrode Antistick function.

VRD - VOLTAGE REDUCTION DEVICE

VRD device reduces the open circuit voltage to values below 12 V enabling the use of the machine in highly hazardous environments ensuring operator's maximum safety.



VRD 12V

STANDARD ACCESSORY

Power source

Electrode holder

Earthing clamp

Fast plug

Ordering code: 81020000100-0

OPTIONAL ACCESSORIES

ITEMS	PART NO.
Remote control unit with 10 mtrs cable	68010000130-0
Gloves	COMMNGLOVES-0
Hand shield	COMMNSHILDGLS-0
Welding helmet	COMMNHELMET-0
Welding goggle	GOGGLEBLACK-0