

THUNDER-i 400 WITH VRD



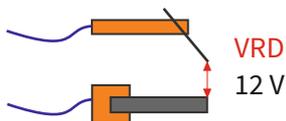
**DC POWER SOURCE FOR MMA
WELDING WITH IGBT BASED
INVERTER TECHNOLOGY**

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.

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.



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.
- 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.





THUNDER-i 400 WITH VRD

SUITABLE FOR FABRICATION,
SHIPYARDS, STEEL CONSTRUCTION,
PIPE WELDING AND MAINTENANCE

STANDARD SCOPE OF SUPPLY

- Power source - THUNDER-i 400
- Electrode Holder
- Earthing clamp
- Fast plug

Ordering code: 81020000090-0

OPTIONAL ACCESSORIES

- Remote control unit with 10 mtrs cable:
68010000130-0
- Gloves: COMMNGLOVES-0
- Shield: COMMNSHILDGLS-0
- Welding helmet: COMMNHELMET-0
- Welding goggle : GOGGLEWHITE-0

TECHNICAL SPECIFICATIONS

DESCRIPTION	THUNDER-i 400
Input voltage	415 V AC(+10 %/-15 %)
Phase	3
Frequency	50 Hz
Rated input capacity	17 KVA
Rated input current	30 A
Open circuit voltage	72 V
Current range	30-400 A
Welding current	
@ 60% duty cycle	400 A
@ 100% duty cycle	310 A
Power factor	0.9
Efficiency	>85 %
Insulation	H Class
Protection	IP 23
Dimension (LxWxH)	525x261x525 mm
Weight	26 Kg