

250A Inverter Arc Welder with Smart Button Panel

This 250A inverter arc welder features advanced IGBT technology for efficient power use and high output. Digital controls enhance reliability, and it is suitable for a variety of electrodes with stable welding performance and minimal spatter.



Overview



Compact and portable design suitable for professional and DIY applications.

Professional Inverter MMA Welder

This 250A Inverter Arc Welder utilizes advanced IGBT technology to deliver high output with low energy consumption. Designed for versatility, it features a smart button control panel that allows for precise digital adjustments of current, thrust, and arc striking. Its robust build supports a wide range of power grid adaptations and provides stable welding performance with minimal spatter for various electrode types.

Performance Metrics



Real-time current display with dedicated knobs for thrust and arc striking current.

Key Performance Metrics

120 A Max Adjustment Current	62 V No-load Voltage	85 % Efficiency
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Technical Specifications

Input Voltage	AC220V±15% (Automatic 220V/380V switching)
Frequency	50 Hz
Rated Input Capacity	4.8 KVA
Rated Duty Cycle	30 %

Features & Protection



The smart button interface allows for precise digital control over welding parameters.

Core Features

- Advanced IGBT inverter technology
- Digital control for improved reliability
- Smart button common panel
- High-speed cooling fan
- One-click adjustment
- All copper output

Safety Protections

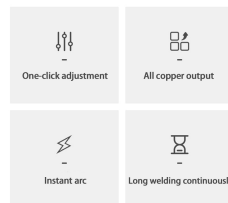
Over-current, Over-voltage, Over-heat

Physical Properties

Product Dimensions	125mm x 210mm x 300mm
Net Weight	2.83 kg

Applications

PRODUCT SELLING POINTS



Highlighting instant arc initiation and continuous welding capability.

Compatible Electrodes

Acid Electrodes • Alkalic Electrodes

Suitable Materials

- Mild Steel
- Stainless Steel
- Ferrous Metals