

# 315A Single-Board IGBT Inverter MMA Welder

This MMA welder features advanced IGBT inverter technology for low consumption and high output. Digital control improves reliability, ensuring smooth and stable welding performance.



## Product Overview



The user interface features a digital display and precise adjustment knobs for arc starting, thrust, and welding current.

## High-Performance IGBT Inverter MMA Welder

This 315A welding machine utilizes advanced IGBT inverter technology to deliver high output with low power consumption. Designed for versatility, it automatically adapts to 220V or 380V power grids and supports all types of acid and alkaline electrodes. The digital control system and high-speed cooling fan ensure stable performance, a high duty cycle, and comprehensive protection against over-current or over-heating.

## Key Performance Metrics

### Performance Highlights

**315 A**

Max Rated Current

**85 %**

Efficiency

**70 V**

No-Load Voltage

**30 %**

Duty Cycle

## Technical Specifications

### Electrical Parameters

Parameter	Value
Input Voltage	AC220V/380V±15%
Frequency	50/60 Hz
Rated Input Current	26.1 A
Rated Input Capacity	5.45 KVA
Current Adjustment Range	20-140 A
Power Factor	0.7

## Core Features



Professional packaging and global logistics support ensure safe delivery of equipment.

### Advanced Features

- Advanced IGBT inverter technology
- Digital control for improved reliability
- Automatic 220V/380V power grid adaptation
- High no-load voltage for smooth arc starting
- Minimal spatter performance
- High-speed fan for effective heat dissipation
- Built-in over-current and over-heat protection

## Physical Properties

Product Dimensions	150mm x 230mm x 365mm
Internal Configuration	Single board with 8 capacitors

## Applications

Compatible Electrodes	Acid Electrodes, Alkaline Electrodes, MMA Welding
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