

# IGBT Digital Inverter Welding Machine 20-120A

This digital inverter welding machine provides a 20-120A output for stick welding applications. IGBT technology ensures efficient and reliable performance.



## ADDITIONAL IMAGES



## Overview

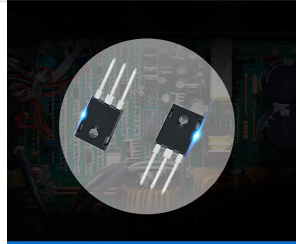


Multifunction control panel featuring digital display and adjustable settings

### Professional Inverter Welding Solution

This high-efficiency PWM-MMA120 inverter welding machine utilizes advanced IGBT technology to deliver stable, high-quality arc performance. Designed for convenience and portability, it features a digital control panel for precise current adjustments between 20A and 120A. The unit is equipped with comprehensive protection systems including thermal overload and anti-stick features, making it an ideal choice for both professional assembly tasks and reliable home maintenance.

## Performance



IGBT INVERTER TECHNOLOGY

Advanced IGBT inverter technology for efficient and stable arc performance

### Key Performance Indicators

**120 A**

Max Output Current

**60 %**

Rated Duty Cycle

**3.5 KW**

Rated Input Capacity

## Technical Specifications

### Electrical Data

Parameter	Value
Input Voltage	1PH 220-230V / 110-120V
Frequency	50-60Hz
Power Factor	cos $\phi$ 0.8
No-load Voltage	65 $\pm$ 5V

### Welding Capabilities

- Current Range: 20-120A
- Usable Electrode Diameter: 1.6-3.2mm
- Welding Process: Manual Metal Arc (MMA)

## Safety & Construction



Compact and portable design suitable for various welding applications

### Standards & Ratings

CE • EMC • ROHS • UL • IP21S Insulation

### Protection Systems

Thermal Overload Protection, Anti-stick Protection, Forced Air Cooling, Over Voltage Protection, Over Current Protection