

# Portable MMA Inverter DC Arc Welding Machine

This MMA inverter DC arc welding machine is a single-phase, fan-cooled unit. It features stepless regulation of welding current and thermal protection.



## Product Overview

### Compact MMA Inverter Welding Solution

This portable MMA Inverter DC Arc Welding Machine utilizes advanced IGBT and soft-switching technology to deliver high-efficiency performance with low energy consumption. Designed for versatility and reliability, it features automatic voltage compensation to maintain stable welding current despite mains fluctuations. Its compact, single-PCB structural design and robust protection systems make it an ideal choice for professional welding tasks involving carbon steel, stainless steel, alloy steel, and cast iron.

## Technical Specifications

Input Capacity	5.7 kw
Power Supply Voltage	220V-240V
Frequency	50/60Hz
No-Load Voltage	75 V

## Performance Metrics

### Duty Cycle

**60 % @ 140A**  
Duty Cycle

Welding Current Range	10-40A
Efficiency	80 %
Power Factor	0.93

## Physical Characteristics

Electrode Diameter	1.6-4.0mm
Net Weight	6 kg
Packing Size	210x185x185 mm

## Compliance & Protection

### Protection Class

IP21S

### Insulation Class

Class H

## Features & Compatibility

### Included Accessories

- Electrode holder
- Earth clamp
- Brush/hammer
- Protective mask

### Compatible Materials

Carbon Steel, Stainless Steel, Alloy Steel, Cast Iron