

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