

# Portable IGBT Inverter ARC Welding Machine

This portable ARC welding machine utilizes IGBT inverter technology, making it strong and compact with a high duty cycle. It is suitable for MMA welding of low carbon steel and low alloy steel with various welding rods.



## Product Overview

### Professional IGBT Inverter Welder

This portable MMA arc welding machine utilizes advanced IGBT inverter technology to deliver high-performance welding in a compact form factor. Designed for efficiency, it offers a high power utilization rate and low open circuit loss, ensuring consistent welding quality. It is an ideal solution for welding low carbon and low alloy steels, making it suitable for workshops, construction sites, and maintenance operations.

## Key Features

### Supported Applications

MMA Welding, Low Carbon Steel, Low Alloy Steel, Portable Design

## Technical Specifications

Model	Mains Voltage (V)	Frequency (HZ)	No-load Voltage (V)	Rated input capacity (KVA)	Insulation class	Output current (A)	Rated duty cycle (%)	Dimensions (CM)	Weight (KG)
MMA-160FI	220	50/60	56	6.0	H	20-160	60	37*13*22.5	6.3
MMA-180FI	220	50/60	56	7.0	H	20-180	60	37*13*22.5	6.3
MMA-200FI	220	50/60	56	8.3	H	20-200	60	37*13*22.5	7.0
MMA-250FI	220	50/60	56	9.5	H	20-250	60	37*13*22.5	7.0

Comparison of technical parameters across different welding machine models.

### Power Requirements

**220 V**

Mains Voltage

**50 Hz**

Frequency

**60 %**

Rated Duty Cycle

### Model Specifications

Model	Input Capacity	Current Range	Weight
MMA-160FI	6.0 KVA	20-160A	6.3 KG
MMA-180FI	7.0 KVA	20-180A	6.3 KG
MMA-200FI	8.3 KVA	20-200A	7.0 KG
MMA-250FI	9.5 KVA	20-250A	7.0 KG

### General Parameters

- No-load Voltage: 56V
- Insulation Class: H
- Dimensions: 37 x 13 x 22.5 CM