

Portable IGBT DC MMA Welding Machine

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



Product Overview

High-Efficiency Inverter Welding

This portable DC MMA welding machine utilizes advanced IGBT inverter technology to deliver a compact yet powerful welding solution. Engineered for high power utilization and minimal open circuit loss, it ensures stable arc characteristics and superior welding quality. The unit is versatile, making it suitable for welding low carbon and low alloy steels with a wide range of welding rods.

General Specifications

Insulation Class	H
Rated Duty Cycle	60 %
No-Load Voltage	56 V
Mains Voltage	220 V
Frequency	50/60 Hz

Model Comparison

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-160BI	220	50/60	56	6.0	H	20-160	60	27.5*13*14	6.3
MMA-180BI	220	50/60	56	7.0	H	20-180	60	27.5*13*14	6.3
MMA-200BI	220	50/60	56	8.3	H	20-200	60	27.5*13*14	7.0
MMA-250BI	220	50/60	56	9.5	H	20-250	60	27.5*13*14	7.0

Technical comparison table for the MMA-160BI through MMA-250BI models.

Technical Specifications by Model

Model	Input Capacity (KVA)	Output Current (A)	Weight (KG)
MMA-160BI	6	20-160	6.3
MMA-180BI	7	20-180	6.3
MMA-200BI	8.3	20-200	7
MMA-250BI	9.5	20-250	7

Physical Dimensions

Dimensions	27.5 x 13 x 14 cm
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Features

Core Technology

IGBT Inverter • DC MMA

Suitable Materials

Low carbon steel, Low alloy steel