

IGBT Inverter DC MMA Welding Machine

This MMA (Manual Metal Arc) welding machine utilizes soft-switching technology for enhanced efficiency and stable performance. It provides good arc-striking and arc force, ensuring stable arcs and reduced spatter.



Overview

Professional IGBT Inverter Welding Solution

The MMA630 is a robust and reliable IGBT inverter-based DC MMA welding machine designed for a variety of heavy-duty welding applications. It features adjustable current and arc force controls, allowing for precise welding parameter adjustments to suit materials like steel, stainless steel, and cast iron. With its high-capacity output and integrated portability features, this machine is an ideal choice for professional welding environments.

Electrical Specifications

Input Voltage	AC 380V \pm 15%
Input Frequency	50 Hz

Performance Metrics

Welding Performance

630 A Max Output Current	60 % Duty Cycle	0.93 Power Factor
Arc Force Adjustment	200 A	

Power Requirements

Power Consumption Details

Parameter	Value
Rated Input Capacity	35 KVA
Rated Input Current	54 A
No-load Voltage	77 V
No-load Consumption	60 W

Physical Characteristics

Physical Dimensions	640 x 325 x 614 mm
Net Weight	63 KG

Compliance & Protection

Protection & Insulation	Insulation Class B, IP21 Protection
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