KABKO-250

ARC/MMA Welding Machine



Introduction

The **KABKO-250 Welding Machine** is an advanced and versatile arc welder designed to meet the needs of professionals and hobbyists alike. With its lightweight design and high-performance capabilities, this machine is ideal for various **MMA (Manual Metal Arc)** welding applications. Equipped with IGBT technology, it delivers stable performance and is perfect for a variety of industrial and repair tasks.

Technical Specifications

Parameter	Unit	KABKO-250
Input Supply Voltage	V	1 Phase AC 220V ± 15%
Frequency	Hz	50/60
No-Load Voltage	V	MMA: 64V
Rated Output	A/V	MMA: 250A/27.6V
Output Current Adjustable Range	A	MMA: 20-250
Rated Load Duty Cycle	%	60%@40°C
Max Rated Input Current (I1max)	A	43.9
Max Effective Input Current (I1eff)	A	26
Max Rated Input Capacity	kVA	8.7
Static External Characteristic		Step-down characteristics
Enclosure Protection Class		IP23
Weight	kg	4.0
Dimensions (L×W×H)	mm	130 × 340 × 220

Applications

- **Industrial Fabrication**: Handles a variety of metals, including carbon steel, stainless steel, and more.
- **Field Work**: Lightweight and portable for use in remote or high-mobility environments.
- **DIY Projects**: Ideal for hobbyists and small-scale welding tasks.

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- **General Repairs**: Versatile for maintenance and repair jobs.

Benefits

- **Portability**: Lightweight and compact design for easy transportation.
- **User-Friendly**: Plug-and-play functionality with included cables.
- **Energy Efficient**: Low power consumption with consistent performance.
- **Durable**: Robust design and IP23 protection for long-term use in tough environments.

Package Includes

- **Power Source**: KABKO-250 welding machine.
- **Welding Cable with Holder**: 2.5 meters.
- **Earthing Cable**: 2.5 meters.

Key Features

- **High Performance:**
  - **MMA Output**: Rated output of **250A/27.6V**, adjustable between **20A to 250A**.
- **Compact and Lightweight:**
  - Weighs only **4.0 kg**, making it portable and easy to use in various environments.
- **Efficient Design:**
  - Operates on **single-phase 220V ± 15%** input, ensuring compatibility with standard power supplies.
  - Delivers a **60% duty cycle** at 40°C, suitable for continuous operation.
- **Durable and Safe:**
  - Enclosure protection class **IP23**, providing resistance to environmental factors.
  - **Step-down characteristics** ensure smooth and stable welding performance.
- **Complete Package:**
  - Includes **welding cable with holder** and **earthing cable** (2.5m each), ready for immediate use.

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