

XE-500 & XE-600 WELDING RECTIFIER

TRANSFORMER-BASED

DC ARC WELDING RECTIFIER



Product Overview:

The XE-500 and XE-600 Transformer-Based DC Rectifier Arc Welding Machines are designed for heavy-duty industrial applications, providing robust performance and superior reliability. Engineered with advanced KOKO-TAWA Japanese technology, these machines ensure high-quality welding output and consistent performance across a wide range of tasks.

Key Features

1. **High Current Output:**
 - XE-500: Delivers up to 500 Amperes.
 - XE-600: Delivers up to 600 Amperes for enhanced welding capabilities.
2. **3-Phase Operation:**
 - Operates on a 415V, 3-phase power supply for stable and efficient performance.

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ELECTRA KOKO TAWA WELD (P) LTD.
NOIDA-INDIA

UNIT: B-15 Sector-5 Noida

Reg. Office: 39, Shradhanand Marg, Delhi-06

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Trusted Since 1996

E-mail: sales@electrawelding.com

Website: www.electrawelding.com



3. Transformer-Based Design:

- Incorporates advanced transformer technology to ensure consistent DC welding output.

4. Heavy-Duty Construction:

- Built with rugged materials resistant to heat and corrosion for long-lasting durability.

5. Efficient Cooling System:

- Advanced cooling technology ensures optimal performance even during extended operations.

6. Enhanced Welding Quality:

- Provides smooth and stable arc characteristics for superior weld quality.

7. Safety Features:

- Integrated thermal overload protection to prevent overheating.
- Fully enclosed design to safeguard internal components from dust and debris.

8. Adjustable Welding Parameters:

- Easy-to-use regulator allows precise control of welding current.

9. Versatility:

- Compatible with a wide range of electrodes, suitable for materials such as mild steel, stainless steel, and cast iron.

Technical Specifications

Parameter	XE-500 Specification	XE-600 Specification
Input Voltage	415V AC	415V AC
Phases	3-Phase	3-Phase
Welding Current Range	50A – 500A	50A – 600A
Duty Cycle	100% at 400A, 60% at 500A	100% at 500A, 60% at 600A
Cooling System	Forced Air Cooling	Forced Air Cooling
Electrode Size	2.0mm – 4.0mm	2.0mm – 5.0mm

Applications

- Heavy structural fabrication.
- Shipbuilding and marine engineering.
- Pipeline welding.
- Industrial machinery maintenance.
- Construction and infrastructure projects.

Why Choose ELECTRA KOKO TAWA?

- Industry leaders with decades of expertise in welding technology.
- Trusted for high-quality, durable, and innovative products.
- Committed to using advanced KOKO-TAWA Japanese technology.
- Excellent after-sales service and technical support.