

EEC ELECTRIC BROCHURE



YOUR TRUSTED PARTNER IN ELECTRICAL SOLUTIONS

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ABOUT EEC GROUP:

Engineering & Construction Excellence

Over 50 years of expertise, EEC Group is a leading provider of engineering, construction, and steel fabrication solutions. Operating in 30+ countries, EEC has become a trusted partner for industrial complexes, infrastructure projects, and energy solutions, consistently delivering quality, sustainability, and innovation.



ABOUT EEC ELECTRIC:

Powering the Future of Low Voltage Panels

As part of the EEC Group, EEC Electric manufactures IEC-compliant low-voltage switchgear, electrical panels, and cable tray systems for industrial, commercial, and infrastructure applications.



- **Electric Panels:** Our facility utilizes advanced CNC technology and high-level automation to produce switchgear that exceeds international safety and durability benchmarks, serving large-scale utility grids and high-demand industrial plants.
- **Cable Tray:** We deliver reliable, energy-efficient cable management solutions engineered for long-term durability and operational success across industrial, commercial, and utility infrastructure.



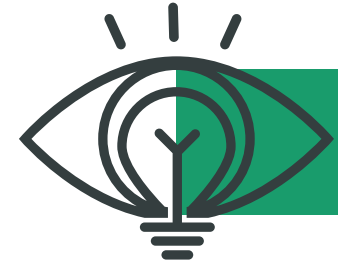
> MISSION & VISION:



MISSION

Engineering Excellence

Delivering IEC-compliant LV panels and cable tray systems engineered for safety, reliability, energy efficiency, and future-ready infrastructure.



VISION

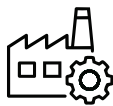
Global Innovation

To set the benchmark in LV manufacturing and cable tray systems through innovation, quality, and engineering excellence.



> KEY STRENGTHS:

- **Advanced Manufacturing:** Dedicated production facility equipped with modern CNC machinery and automated production lines for manufacturing low-voltage electrical panels and cable tray systems with consistent quality and precision.
- **IEC-Compliant Quality:** Products are engineered and manufactured in accordance with international IEC standards and undergo rigorous quality control and testing to ensure safety, reliability, and long-term performance.
- **Custom Engineering Solutions:** Tailor-made electrical panels and cable management systems designed to meet the specific technical, operational, and environmental requirements of industrial, commercial, utility, and infrastructure projects.
- **Engineering Excellence:** Driven by innovation, precision manufacturing, and continuous improvement to deliver durable, energy-efficient, and reliable solutions that support modern electrical distribution systems.



STATE-OF-THE-ART
MANUFACTURING



IEC-COMPLIANT
QUALITY



CUSTOM ENGINEERED
SOLUTIONS



RELIABLE. EFFICIENT.
SUSTAINABLE.

> WHY CHOOSE EEC ELECTRIC?



Engineering Excellence

IEC-compliant LV switchgear and cable tray systems by EEC Group.



High-Performance Power Solutions

Reliable, durable LV switchgear and cable tray systems for demanding applications.



Smart & Sustainable Innovation

Energy-efficient solutions for safe, sustainable, and future-ready infrastructure.



Advanced Cable Management Systems

Heavy-duty cable tray systems for secure, organized, and reliable cable routing.



Superior Quality & Customization

Precision-engineered, customized solutions with rigorous quality assurance.



On-Time Delivery

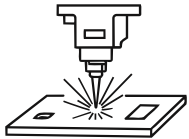
Fast, reliable delivery through efficient manufacturing and a robust supply chain.



MANUFACTURING:

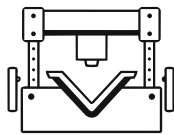
Advanced Manufacturing Process

Our Electric Panels manufacturing facilities feature state-of-the-art manufacturing technologies, advanced CNC machinery, and precision-engineered production processes to deliver exceptional quality, accuracy, and reliability. Every stage is supported by rigorous quality control, ensuring products that meet the highest international standards for performance and safety.



Precision laser cutting

Precision laser cutting of steel sheets, delivering clean, burr-free edges and exceptional dimensional accuracy.



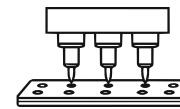
CNC press brake forming

CNC press brake forming for precise bends, accurate angles, and consistent panel geometry.



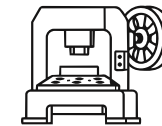
Fiber laser welding

Fiber laser welding, producing strong, uniform joints with minimal heat distortion.



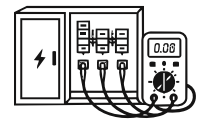
Multi-punch busbars processing

Automated multi-punch processing of copper and aluminum busbars for precise hole alignment and reliable electrical connections.



Power press stamping

High-precision power press stamping of panel doors, mounting plates, and brackets with consistent dimensions and accurate hole patterns.



Electrical testing

Comprehensive electrical testing of every panel to verify insulation integrity, functional performance, and operational safety before dispatch.



IEC Compliant

Built in accordance with international IEC standards.



Precision Engineered

Advanced manufacturing technology for exceptional accuracy.



Built to Last

Durable solutions designed for demanding industrial environments.



Quality Assured

Every product is rigorously tested to ensure maximum reliability.

> **MANUFACTURING:**

EEC Electric: Next-Generation LV Manufacturing



Advanced Technology

We leverage cutting-edge automated production and CNC-machined components to guarantee superior structural integrity. Our smart manufacturing systems ensure consistent, error-free production and rapid turnaround, delivering industrial-grade durability specifically engineered for high-load environments.



High-Capacity Solutions

Engineered to support large-scale infrastructure and energy projects, our facility offers scalable operations designed for high-volume demands. Every solution is backed by rigorous IEC-certified testing to ensure maximum safety and project efficiency without compromising quality.



Global Presence & Export

By merging local expertise with international standards, EEC Electric delivers competitively priced, future-ready electrical panels built for international export. We are expanding the footprint of Egyptian electrical technology, bridging the gap between domestic engineering and global distribution needs.



> MANUFACTURING:

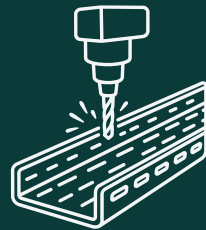
EEC Cable Trays

EEC Cable Trays are manufactured from high-quality steel, stainless steel, or aluminum using advanced CNC punching, roll-forming, and precision fabrication technologies. Each product undergoes strict quality control to ensure dimensional accuracy, structural strength, and compliance with international standards. Available in pre-galvanized, hot-dip galvanized, powder-coated, or stainless-steel finishes, EEC Cable Trays provide excellent corrosion resistance, durability, and reliable performance across industrial, commercial, and infrastructure applications.



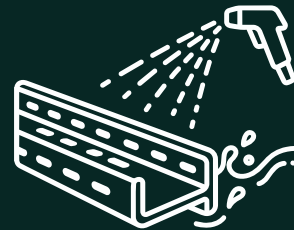
Raw Material

Premium galvanized or stainless-steel coil, sourced from certified mills and inspected before entering the production line.



Roll Forming & Punching

CNC roll-forming and precision punching shape each tray, ladder, and fitting to exact, consistent dimensions with tight tolerances.



Surface Finishing

Hot-dip galvanizing, electro-plating, or powder coating applied for long-term corrosion resistance in any environment, from coastal sites to heavy industrial plants.



Testing & Quality Control

Every batch undergoes load, corrosion, and dimensional testing, verified against IEC and NEMA benchmarks, before release.



GLOBAL STRENGTHS:

Global Strength, Local Expertise: Leading IEC-Compliant LV Panel & Cable Tray Manufacturing

EEC Electric combines international engineering standards with deep local expertise to deliver high-performance power distribution and containment solutions. As a premier manufacturer of LV panels and precision-engineered cable trays, we utilize advanced technology and strategic global partnerships to provide safe, durable, and IEC-compliant switchgear and routing systems for industrial and infrastructure projects worldwide.

<i>Global-Standard Manufacturing</i>	<i>Global Growth, Local Strength</i>	<i>Strategic Partnerships</i>
IEC-Compliant Production We build high-performance LV switchgear using advanced CNC tech and rigorous international quality standards.	International Reach We bridge the gap between global innovation and local market expertise with on-the-ground support.	World-Class Alliances We collaborate with global technology leaders to deliver future-ready electrical infrastructure.
• Safety: Fully IEC Certified • Precision: CNC-machined components	• Scalable: Tailored to any region • Expertise: Deep local knowledge	• Reliable: Maximum system uptime • Innovative: Cutting-edge components





QUALITY & COMPLIANCE:

Electric Panels

ISO-Certified Manufacturing

EEC Electric manufactures low-voltage electrical panels in ISO-certified facilities, delivering consistent quality, operational reliability, and full compliance with international IEC standards. Every panel is precision-engineered and rigorously tested to ensure safe, dependable, and long-lasting performance in industrial, commercial, and infrastructure applications.

LV Panel Manufacturing Excellence:

- IEC-compliant design and manufacturing
- Comprehensive testing and quality verification
- Precision CNC manufacturing for exceptional accuracy and reliability



CERTIFICATIONS:



CERTIFICATE

ENVIRONMENTAL MANAGEMENT SYSTEM

**Engineering Enterprise Company for Electric Panels
(EEC Electric Panels)**

HO: EEC TOWER: 19 MARKAZ EL MAALOMAT ST. SHERATON HELIOPOLIS,
CAIRO, EGYPT

SCOPE

DESIGN, MANUFACTURE, ASSEMBLY, TESTING, AND DISTRIBUTION OF THE
LOW -VOLTAGE PANELS AND ASSOCIATED ELECTRICAL COMPONENTS.

This is to certify that the Environmental Management System of the above mentioned
Company meets the requirement of

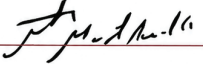
ISO 14001:2015

MSF: 085518-B	12 APRIL 2026
Certificate Number	Date Of Initial Registration
12 APRIL 2026	11 APRIL 2027
Date Of Last Issue	Date Of Expiry

Certificate is valid for 3 years (12/04/2026 to 11/04/2029) from the date of Initial registration.
Upon successful completion of surveillance audit a new certificate with an extended validity will be issued.
Rev.00, dt. 12.04.2026

IAF QR CODE

Authorized By



Certification Manager








For Verification and updated information please visit www.ossmiddleeast.com/verify-certificates
26 Al Awam Church, Janaklees, Alexandria, Egypt. Email: info@ossmiddleeast.com, Tel: +201211110296



CERTIFICATE

QUALITY MANAGEMENT SYSTEM

**Engineering Enterprise Company for Electric Panels
(EEC Electric Panels)**

HO: EEC TOWER: 19 MARKAZ EL MAALOMAT ST. SHERATON HELIOPOLIS,
CAIRO, EGYPT

SCOPE

DESIGN, MANUFACTURE, ASSEMBLY, TESTING, AND DISTRIBUTION OF THE
LOW -VOLTAGE PANELS AND ASSOCIATED ELECTRICAL COMPONENTS.

This is to certify that the Quality Management System of the above mentioned Company
meets the requirement of

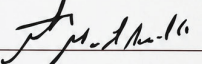
ISO 9001:2015

MSE: 085518-A	12 APRIL 2026
Certificate Number	Date Of Initial Registration
12 APRIL 2026	11 APRIL 2027
Date Of Last Issue	Date Of Expiry

Certificate is valid for 3 years (12/04/2026 to 11/04/2029) from the date of Initial registration.
Upon successful completion of surveillance audit a new certificate with an extended validity will be issued.
Rev.00, dt. 12.04.2026

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Authorized By



Certification Manager








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CERTIFICATE

OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM

**Engineering Enterprise Company for Electric Panels
(EEC Electric Panels)**

HO: EEC TOWER: 19 MARKAZ EL MAALOMAT ST. SHERATON HELIOPOLIS,
CAIRO, EGYPT

SCOPE

DESIGN, MANUFACTURE, ASSEMBLY, TESTING, AND DISTRIBUTION OF THE
LOW - VOLTAGE PANELS AND ASSOCIATED ELECTRICAL COMPONENTS.

his is to certify that the Occupational Health & Safety Management System of the above-
mentioned Company meets the requirement of

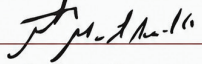
ISO 45001:2018

MSE: 085518-C	12 APRIL 2026
Certificate Number	Date Of Initial Registration
12 APRIL 2026	11 APRIL 2027
Date Of Last Issue	Date Of Expiry

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Rev.00, dt. 12.04.2026

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> **QUALITY & COMPLIANCE:** *Cable Trays*

Engineered Cable Management Solutions

EEC Electric manufactures high-performance cable tray systems engineered to provide safe, efficient, and reliable cable support for industrial, commercial, and infrastructure applications. Designed and manufactured in accordance with internationally recognized standards, our cable trays deliver exceptional structural strength, corrosion resistance, and long-term durability in demanding environments.

> **COMPLIANCE STANDARDS:** *Cable Trays*

Manufactured in accordance with:

- IEC 61537 / BS EN 61537
- Egypt IEC (CH8.4:2006)
- NEMA VE 1 & VE 2
- NEC (ANSI/NFPA 70)

EEC ELECTRIC

*YOUR TRUSTED PARTNER
IN ELECTRICAL SOLUTIONS*



CONTACT INFO

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