

TRIAMBER

SMART POWER SMARTER CONTROL

SMART POWER SMARTER CONTROL

Triamber Electrical Industries delivers reliable, intelligent and innovative electrical solutions that power industries, infrastructure and a sustainable future.



INNOVATION

Continuous improvement through advanced technology



QUALITY

Engineered for excellence and tested for reliability



RELIABILITY

Robust designs for uninterrupted performance



COMMITMENT

Dedicated to customer satisfaction and long-term partnership

ABOUT TRIAMBER

Triamber Electrical Industries is a leading manufacturer of high quality Electrical Control & Power Distribution Panels. We specialize in custom-built solutions that ensure safety, efficiency and reliability for every application.

With a focus on innovation, quality and timely delivery, we empower industries with smart electrical solutions that drive growth and performance.

POWERING DIVERSE INDUSTRIES



Manufacturing



Infrastructure



Commercial Buildings



Data Centers



Pharmaceuticals



Oil & Gas



Renewable Energy

OUR PRODUCTS



LT POWER
CONTROL CENTER
(PCC)



MOTOR CONTROL
CENTER (MCC)



AUTOMATIC POWER
FACTOR CORRECTION
(APFC) PANELS



CAPACITOR & HARMONIC
FILTER PANELS



VFD & SOFT STARTER
PANELS



AMF & SYNCHRONIZING
PANELS



DISTRIBUTION
BOARDS (DB)



CUSTOM BUILT
PANELS

WHY CHOOSE TRIAMBER?



Superior Quality
Materials



IS/IEC Compliant
Designs



Customized Solutions
for Every Need



Timely Delivery
& Support



After Sales Service
& AMC Support

TRIAMBER
ELECTRICAL INDUSTRIES

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TRIAMBER

ELECTRICAL INDUSTRIES

Smart Power. Smarter Control.

ELECTRICAL PANEL MANUFACTURING &
AUTOMATION SOLUTIONS



SAFE &
RELIABLE



QUALITY
MANUFACTURING



ON-TIME
DELIVERY



TECHNICAL
SUPPORT



ESTABLISHED
2023

ABOUT US

Established in 2023, **TRIAMBER ELECTRICAL INDUSTRIES** is a trusted manufacturer of Low Voltage (LT), High Voltage (HT), Power Distribution and Industrial Automation Panels.

We provide complete solutions from design and engineering to manufacturing, testing and commissioning support.

Our commitment is to deliver reliable, safe and customized solutions that meet the highest standards of quality and performance.

OUR PRODUCT RANGE



PCC PANELS



MCC PANELS



APFC PANELS



PLC AUTOMATION
PANELS



VFD PANELS



SYNCHRONIZATION
PANELS



AMF PANELS



HT PANELS



LT PANELS



FEEDER PILLAR
PANELS



BUS DUCT SYSTEMS

OUR SERVICES



Electrical Design & Engineering



GA & SLD Drawings



Control Schematic Design



Panel Manufacturing



Busbar Fabrication



Factory Acceptance Testing (FAT)



Installation & Commissioning Support



Retrofit & Technical Services

WHY CHOOSE TRIAMBER?

- ✓ Customized Solutions
- ✓ Experienced Engineers
- ✓ Quality Manufacturing
- ✓ Premium Components
- ✓ Timely Delivery
- ✓ Customer Satisfaction



CONTACT US



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Manufacturing Solutions
for Industries Across India



High Quality | Reliable Performance
Safe Operation



www.triamber.com

QUALITY BY DESIGN. RELIABILITY IN EVERY PANEL.

From Engineering to Manufacturing,
We Ensure Quality at Every Step.

At **TRIAMBER**, we follow a disciplined and quality-driven process to deliver safe, efficient and high-performance control panels that you can trust.



TRIAMBER

SMART POWER SMARTER CONTROL



ACCURATE ENGINEERING

Precise design with EPLAN Electric P8



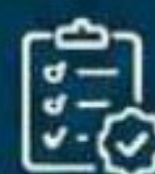
LOAD CALCULATION & OPTIMIZATION

Accurate load analysis for safe & efficient performance



QUALITY MATERIALS & COMPONENTS

Branded & tested components for long-lasting reliability



QUALITY WIRING & ASSEMBLY

Neat, organized & standard-compliant wiring practices



RIGOROUS TESTING & INSPECTION

100% testing as per standards to ensure safety & performance

OUR QUALITY PROCESS



01

LOAD CALCULATION

Accurate load analysis for safe & efficient design.



02

ENGINEERING & DRAWING

EPLAN Electric P8 based precise drawings & documentation.



03

MATERIAL SELECTION

High quality, tested & standards compliant components.



04

QUALITY WIRING

Neat, organized & well-labeled wiring as per standards.



05

IN-PROCESS INSPECTION

Multi-level quality checks during manufacturing.



06

TESTING & VERIFICATION

100% testing of panels for safe, reliable & trouble-free operation.



07

SAFE DELIVERY & SUPPORT

On-time delivery with post-sales support you can rely on.



QUALITY IS
OUR PROMISE,
PERFORMANCE
IS OUR STANDARD.

Every panel we manufacture reflects our commitment to Quality, Safety & Excellence.



ACCURATE DESIGN
Better planning,
better performance.



QUALITY WIRING
Neat wiring,
safe working.



ROBUST BUILD
Strong structure,
long lasting.



100% TESTED
Every panel,
every time.



RELIABLE PANELS
For every industry,
every need.

WE DON'T JUST MANUFACTURE PANELS,
WE ENGINEER SAFETY, WE DELIVER RELIABILITY.



SAFETY
Always First



QUALITY
Always Assured



DELIVERY
Always On Time



CUSTOMER
Always Priority



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TRIAMBER ELECTRICAL INDUSTRIES



SYNCHRONISATION & AMF PANELS

Intelligent Power Control for
Seamless Operations

TRIAMBER Synchronisation and AMF Panels are engineered to ensure uninterrupted power supply, optimal load sharing and maximum reliability for critical applications.



RELIABLE
Uninterrupted
Power Supply



AUTOMATED
Smart Control &
Automation



EFFICIENT
Optimum Load
Sharing



SAFE
Protection &
System Safety

SYNCHRONISATION PANEL

TRIAMBER Synchronisation Panels are designed to synchronize multiple generators with the mains or with each other before paralleling, ensuring smooth power transfer and balanced load sharing without power interruption.

KEY FEATURES

- ✓ Automatic synchronisation of DG to DG, DG to Mains or DG to Bus
- ✓ Precise matching of Voltage, Frequency, Phase Sequence and Phase Angle
- ✓ Microprocessor based synchroniser for high accuracy
- ✓ Load sharing (kW / kVAr / PF) with other DG sets
- ✓ Suitable for AMF operation
- ✓ User friendly HMI with real-time monitoring
- ✓ Event logging & fault indication



AMF PANEL

TRIAMBER AMF Panels automatically start the standby generator and transfer the load in case of main power failure and revert back when the main supply is restored.

KEY FEATURES

- ✓ Automatic Mains Failure Detection
- ✓ Auto Start/Stop of DG Set
- ✓ Automatic Load Transfer (Mains to DG & DG to Mains)
- ✓ Adjustable Timers & Operational Delays
- ✓ Comprehensive Protection (Over/Under Voltage, Over/Under Frequency, Overload, Short Circuit, etc.)
- ✓ Manual / Auto / Test Mode Operation
- ✓ HMI based status indication, alarms & event log



APPLICATIONS



Industrial
Plants



Commercial
Buildings



Hospitals



Data Centers



Malls &
Complexes



Oil & Gas



Power
Plants

TECHNICAL SPECIFICATIONS

• System Voltage	: 415 V AC (3 Phase, 4 Wire)
• Frequency	: 50 Hz
• Control Supply	: 230 V AC / 110 V AC / 24 V DC
• No. of Generators	: 2 to 8 (Extendable)
• Protection Class	: IP 54 / IP 55
• Operation	: Automatic / Manual / Test

• Display	: HMI / LCD with Mimic
• Communication	: Modbus RS485 / Ethernet (Optional)
• Mounting	: Floor / Wall Mounting
• Cable Entry	: Bottom
• Standards	: IEC 61439, IEC 60255

TRIAMBER

SMART POWER SMARTER CONTROL

MCC, DISTRIBUTION & APFC PANEL MANUFACTURING

Engineered for Reliability. Built for Performance.

At **TRIAMBER ELECTRICAL INDUSTRIES**, we design and manufacture high-quality MCC, Distribution Boards and APFC Panels that deliver safe, efficient and reliable power distribution with advanced power factor correction.



SAFE & RELIABLE



QUALITY MANUFACTURING



EFFICIENT PERFORMANCE



TECHNICAL SUPPORT



MCC PANELS



Our MCC Panels are designed for controlling and protecting motors in various industrial applications with maximum safety and reliability.

- ✓ Designed as per IEC/IS standards
- ✓ Suitable for DOL, Star-Delta, VFD & Soft Starter
- ✓ High short circuit withstand capacity
- ✓ Modular construction for easy maintenance
- ✓ Custom-built to meet process requirements

DISTRIBUTION BOARDS



Our Distribution Boards ensure safe and efficient distribution of power for all types of electrical systems.

- ✓ Main Incomer (ACB/MCCB) & Outgoing feeders
- ✓ High reliability & compact design
- ✓ TPN / TPN + N / TPN + E configurations
- ✓ Suitable for wall mounting / floor mounting
- ✓ Built with high quality components

APFC PANELS



Our APFC Panels help improve power factor, reduce energy costs and enhance the efficiency of your electrical system.

- ✓ Automatic power factor correction
- ✓ Microprocessor based APFC relay
- ✓ Reliable capacitor duty contactors
- ✓ Detuned reactors for harmonic mitigation
- ✓ Improved system efficiency & savings

WHY CHOOSE TRIAMBER?



Advanced Design & Engineering



High Quality Components & Materials



Skilled Workforce & In-house Testing



Strict Quality Control at Every Stage



Timely Delivery



Customer Focused Solutions

WIDE RANGE OF APPLICATIONS



Manufacturing Plants



Water & Waste Water Treatment



Oil & Gas Industries



Power Plants



Commercial Buildings



BUILT TO POWER YOUR BUSINESS

From design to commissioning, **TRIAMBER** ensures world-class panels that deliver safety, efficiency and long-term performance.

LET'S BUILD A BETTER TOMORROW



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CUSTOMER SERVICE

We are with you, always.

At TRIAMBER ELECTRICAL INDUSTRIES, customer satisfaction is at the heart of everything we do. We are committed to providing reliable support throughout the lifecycle of your panels and systems.



**SUPPORT THAT
POWERS YOUR CONFIDENCE**

OUR COMMITMENT



RELIABLE SUPPORT

Quick and effective support for uninterrupted operations.



CUSTOMER FOCUS

Dedicated assistance tailored to your specific needs.



EXPERT SOLUTIONS

Experienced engineers providing the best technical solutions.



TIMELY RESPONSE

Prompt response and on-time resolution of queries.



LONG TERM PARTNERSHIP

Building lasting relationships through trust, transparency and continuous support.

OUR SUPPORT SERVICES



TECHNICAL ASSISTANCE

Expert guidance for technical queries, product selection, installation and commissioning.



INSTALLATION & COMMISSIONING SUPPORT

On-site support for smooth installation and commissioning of panels.



MAINTENANCE SUPPORT

Assistance for preventive maintenance and periodic inspections.



SPARE PARTS SUPPORT

Genuine spare parts with quick availability for minimal downtime.



TRAINING & DOCUMENTATION

Training for your team and complete documentation for easy operation and maintenance.



RETROFIT & UPGRADES

Upgradation and retrofit solutions to enhance performance and extend equipment life.

OUR SUPPORT PROCESS



1 RECEIVE YOUR QUERY

We listen and understand your requirement.



2 ANALYZE & ASSESS

Our team analyzes the issue and identifies the best solution.



3 PROVIDE SOLUTION

We provide the most effective and reliable solution.



4 IMPLEMENT & SUPPORT

On-site or remote support to resolve and ensure smooth operation.



5 FOLLOW UP & IMPROVE

We follow up to ensure satisfaction and continuous improvement.



**NEED HELP?
WE ARE HERE
FOR YOU**



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www.triamber.com

Our team is ready to support you during working hours.



YOUR RELIABILITY. OUR RESPONSIBILITY.
TRIAMBER ELECTRICAL INDUSTRIES – ALWAYS AT YOUR SERVICE.



Manufacturing Solutions
for Industries Across India



High Quality | Reliable Performance
Safe Operation



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