



# MAHENDRA INDUSTRIES

TRUSTED PARTNER FOR RELIABLE ELECTRICAL SOLUTIONS





Welcome to

# MAHENDRA INDUSTRIES!

Your Trusted Partner for Reliable Electrical Solutions.

Established In 2019, Mahendra Industries is an ISO 9001:2015 Certified Electric Panel Manufacturer & Solution Provider. We Take Immense Pride in Delivering High-Quality Products & Turnkey Electrical Projects to A Diverse Range of Industries. with Our Commitment to Excellence & Customer Satisfaction, We Have Become A Leading Name in The Electrical Industry.

## VISION:

To Be The Leading Provider Of Innovative & Sustainable Electrical Solutions, Ensuring Customer Satisfaction & Contributing To The Development of A Reliable & Efficient Power Infrastructure.

## MISSION:

Deliver High-Quality Products & Services That Exceed Customer Expectations Continuously.

Innovate & Adopt Advanced Technologies To Meet Evolving Industry Requirements. Build Long-term Relationships with Clients Based on Trust, Reliability, & Exceptional Service. Foster A Culture of Continuous Improvement, Employee Growth, & Environmental Responsibility.

Partner with Mahendra Industries For Your Electrical Needs & Experience Unmatched Quality, Reliability, & Customer Centric Solutions. Contact Us Today To Discuss Your Requirements or To Explore Our Turnkey Project Capabilities.

## Certification

ISO Certified: We are committed to design, manufacture, supply & install Equipments to the upmost satisfaction of our customers. We strive to continuously improving all our systems. We believe this is possible only by the involvement & participation of the entire team.





## **Power Distribution Panels**

- Main LT Panel
- Electrical HT LT Panel
- PCC Panel
- APFC Panel

## **Control & Automation Panels**

- MCC Panel
- PLC Control Panels
- Electrical VFD Control Panel

## **Safety & Utility Panels**

- Fire Hydrant Panel
- Outdoor Panel
- Meter Panel Board

## **Generator Panels**

- DG Set Control Panel
- Power Distribution Panel
- AMF Panel
- ON Synchronizing Panel



## **POWER CONTROL CENTER PANEL (P.C.C)**



- Centralized control for multiple power sources
- Real-time monitoring of electrical parameters
- High fault-level capacity up to 65 kA
- Modular design for easy maintenance and scalability
- Enhanced safety features including overload and short-circuit protection
- Integration with automation systems for advanced control

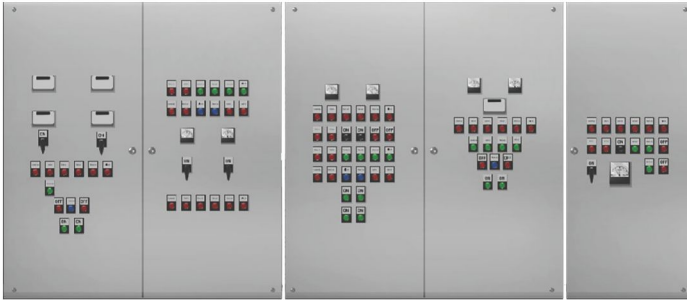
## **LT PANELS**

- Robust construction for durability
- Efficient power distribution at voltages up to 1000V
- Incorporates protective devices like MCBs and MCCBs
- Customizable configurations based on client requirements
- Compliance with international safety standards
- Options for natural or forced ventilation
- IP42 to IP65 protection class for resistance against dust and water ingress





## **MOTOR CONTROL CENTER PANEL (M.C.C)**



- Centralized control of multiple motors with individual compartments
- Overload and short-circuit protection for each motor
- Modular design for easy maintenance and expansion
- Integration with automation systems and variable frequency drives
- Space-saving and organized layout
- Real-time monitoring and control capabilities
- Compliance with international safety and operational standards

## **AUTOMATIC POWER FACTOR CORRECTION PANEL (A.P.F.C)**

- Automatic control of capacitor banks based on reactive power demand
- Microcontroller or PLC-based intelligent relay systems
- Improves power factor, reducing electricity charges and energy losses
- Step-wise capacitor switching for smooth and balanced operation
- Real-time monitoring of voltage, current, and power factor
- Built-in protection against over-voltage, under-voltage, and harmonic distortion
- User-friendly HMI or digital display for system status and settings
- Heavy-duty contactors with fuses/MCCBs for each capacitor bank
- Compact, modular design for easy installation and maintenance
- Complies with IEC and IS standards for safety and performance





## **D.G SET SYNCHRONIZING & LOAD SHARING PANEL**



- Automatic Mains Failure (AMF) function with instant switch to DG during power outage
- Synchronization of multiple diesel generators for load sharing and sequencing
- Real-time monitoring and remote-control options via PLC/SCADA systems
- Built-in protection against overloads, short circuits, and under/over voltage
- User-friendly HMI interface with status indicators and manual override
- Programmable logic for efficient DG set operation based on load demand
- Compatible with auto/manual start systems and remote generator start
- Compliance with IEC and IS standards for safety and reliability

## **FIRE FIGHTING & FIRE HYDRANT PANEL**

- Automatic and manual operation of fire pumps (main, jockey, and standby)
- Integrated alarms for pump faults, low/high pressure, and system failure
- Durable, weather-resistant enclosure with IP-rated protection
- Visual indicators and audible alarms for quick fault identification
- Equipped with pressure switches and timers for system efficiency
- Compatible with diesel engine and electric motor-driven pumps
- Emergency shutdown and test features for routine maintenance
- Complies with IS fire safety standards





## Outdoor Panel



- IP55/IP65-rated weatherproof enclosures
- CRCA/ Stainless steel construction
- UV and corrosion-resistant powder coating
- Suitable for wall-mounted or free-standing installation
- Built-in ventilation and rain hoods
- Lockable doors with gasket sealing
- Compatible with MCCBs, MCBs, timers, meters, and relays
- Cable entry from top or bottom
- High mechanical and thermal strength
- Built as per IEC/IS safety standards

## PLC, HMI and VFD PANEL

- Integrated PLC for automated process control
- HMI for real-time monitoring and user interaction
- VFDs for precise motor speed and energy efficiency
- Supports SCADA, MODBUS, PROFIBUS, and Ethernet protocols
- High-speed I/Os and communication modules
- Overload, short circuit, and motor protection
- User-friendly graphical interface
- Panel customization as per process requirements
- Efficient wiring and cable management



# INDUSTRIES WE SERVE

At Mahendra Industries,  
We Cater to a Wide Range of Industries



HOSPITALS



PHARMA



OIL & GAS



CHEMICAL



POWER



TEXTILE



MALLS & THEATER



INDUSTRIAL



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