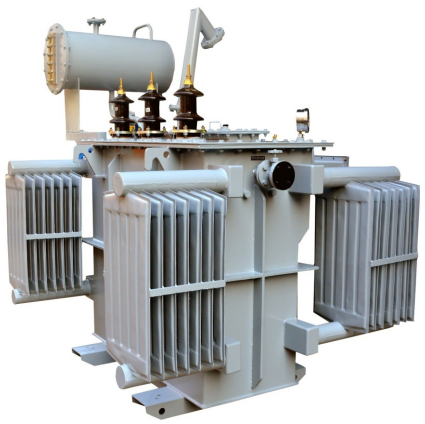
AVPCS



AJAY VIKRAM ELECTRONICS & ELECTRICALS

An ISO 9001:2015 Certified Company

Manufacturer of: Servo Voltage Controller, C.V.T., PLC Based Control Panel Automatic Changeover, L.T. Starter, A.P.F.C. Distribution Panel

Deals in: Transformer, VCB, VFD, Solar Panel

H..O. : 158-G, Karolan Choupla Road, Bareilly (U.P.) 243001

Fact. Add. : Atal Puram Gotia Road, Kargaina, Badaun Road, Bareilly (U.P.)

B.O. : 112, Sai Garden, Shahberi, Greater Noida (U.P.)

Contact : +91 9837046386, 9837214446

ABOUT US

Founded in 1997, Ajay Vikram Electronics & Electricals is a proprietary firm specializing in the manufacturing of premium-quality Servo Voltage Stabilizers and Automatic Voltage Stabilizers in both Air and Oil Cooled configurations, ranging from 1 KVA to 500 KVA. We also offer a wide range of LT Control Panels, all designed and engineered in accordance with international standards to ensure optimal performance and reliability.

Our stabilizers are highly effective in regulating power and voltage, making them an ideal solution for various industrial and commercial applications. In addition to our products, we provide comprehensive after-sales service and support to ensure long-term customer satisfaction.

Commitment to Quality

We maintain stringent quality assurance protocols at every stage of production—from raw material inspection to final product testing—ensuring all components meet relevant industry standards. Equipped with advanced machinery and a skilled workforce, we are fully capable of meeting production timelines and delivering on schedule.

Our quality management system is certified to ISO 9001 standards by TUV CERT and has been in place since 2001, reflecting our dedication to excellence and continuous improvement.

Additional Services

Beyond manufacturing, we also offer a range of professional electrical services including:

- HT & LT Electrical Installations
- Chemical Earthing Solutions
- Comprehensive Electrical Safety Audits

Why Choose Us?

We're not just another electrical solutions provider—we're your long-term power partner. What makes us stand out:

- ISO 9001-Certified Quality Management System
- Precision-Engineered Product Range
- Competitive & Transparent Pricing
- On-Time Delivery, Every Time
- End-to-End Customer Satisfaction
- Ethical, Honest, and Professional Business Practices

End-to-End Electrical Expertise

Beyond manufacturing, we offer complete electrical solutions including:

- HT & LT Electrical Projects
- Motor Starter Panels
- Solar Panels, Inverter along with complete installation.
- Advanced Chemical Earthing Systems
- Professional Electrical Safety Audits

Whether you're upgrading, expanding, or starting from the ground up, Ajay Vikram Electronics & Electricals is your trusted partner for reliable, future-ready electrical infrastructure.

OUR VISION & GOALS

- To deliver a powerful combination of top-quality products, efficient operations, innovative customer service, and impactful marketing.
- To build a workplace where employees feel valued, empowered, and supported in their growth and career development.
- To drive continuous innovation, strengthen our core technologies, and develop world-class products.
- To become India's leading exporter of industrial power distribution and control equipment.

OUR CORE VALUES

What Drives Us Forward

At Ajay Vikram Electronics & Electricals, our values shape the way we work and grow:

- Customer First – We go above and beyond to understand and meet customer needs.
- Integrity Always – We believe in honesty, transparency, and open communication.
- Uncompromising Quality – We are passionate about delivering excellence in everything we do.
- Empowered Teams – We recognize individual strengths and build on them through collaboration.
- Driven by Results – We work hard and smart—achieving success both individually and together as a team.

POWERING QUALITY, DELIVERING EXCELLENCE

- At Ajay Vikram Electronics & Electricals, quality isn't just a promise—it's our foundation. We are dedicated to delivering high-performance products through consistent excellence in manufacturing and service. To achieve this, we equip our employees with proper training, advanced tools, and a supportive work environment.
- Our Quality Assurance Team carefully monitors every step—from inspecting raw materials and overseeing in-process controls to certifying finished goods and handling repair services. We've adopted Total Quality Management (TQM) practices that include rigorous testing protocols at every stage of production, ensuring each product meets the highest standards before reaching our customers.

ABOUT OUR CUSTOMER SERVICE :

Customer Care That Truly Cares

- Our Customer Care Services are the backbone of our business. With a team of experienced, well-trained professionals, we actively listen to and resolve customer queries with efficiency and care.

To support our clients better:

- We maintain a reliable stock of essential spare parts.
- We provide smooth installation, commissioning, and warranty services on behalf of our principals.
- We prioritize quick response times and effective solutions to ensure long-term customer satisfaction.

OUR MANUFACTURING PRODUCTS

- L.T. Panel
- Power Factor Panel (APFC)
- Power Control Centers (PCC)
- A.M.F. & Distribution Panel
- PLC Based Auto Load Management Lt Panel
- Motor Control Centers (MCC)
- D.G. Synchronization Panel.
- PLC Panel/VFD Panelective solutions to ensure long-term customer satisfaction.

MAIN LT PANEL

Main LT Control Panels – Engineered for Performance and Safety

- Our Main LT Control Panels are custom-built, compartmentalized, and designed using bolted construction to meet the specific needs of modern power and engineering industries. Each panel complies with relevant industry standards to ensure safety, durability, and efficiency.

Robust Construction

- These panels are constructed using high-quality CRCA sheet steel in a cubicle design. A dedicated cable alley is included in all cubical panels, with ample space for easy cable termination. Cable entry can be configured from either the top or bottom, based on your installation needs.
- We also manufacture enclosures with protection ratings of IP42, IP54, and IP65, ensuring reliable operation even in demanding environments.

Smart Compartment Design

- Each panel features a compartmentalized structure with hinged doors for easy access and maintenance. Internal compartments are separated by sheet metal or Bakelite barriers, creating safe divisions between control sections, busbars, and cable alleys—offering enhanced safety and operational integrity.

Draw-Out Type LT Panels

- We specialize in manufacturing a wide range of Draw-Out Type LT Panels, including MCC (Motor Control Center) Draw-Out Panels, supplied to various industrial sites.
- These panels are designed for easy and safe maintenance. Each circuit is mounted on a movable trolley, which can be smoothly drawn out from the panel rack. This allows for quick inspection, replacement, or servicing—without disrupting the rest of the system.
- Our draw-out panels offer improved modularity, safety, and flexibility, making them an ideal solution for industries that require high uptime and efficient operations.

APFC PANELS

Efficient Power Factor Management, Automatically

- In many commercial and industrial setups, electrical loads like motors, heavy machinery, air conditioners, and drives are predominantly inductive, causing a lagging power factor. This leads to energy losses and can result in penalties from electricity boards.
- For fixed loads, power factor correction can be managed by manually switching capacitors. However, in systems with rapidly changing or scattered loads, manual control becomes inefficient and unreliable.
- Our Automatic Power Factor Correction (APFC) Panels provide a smart solution. These panels automatically adjust capacitor switching in real-time, ensuring your power factor remains high—without the need for manual intervention. The result is optimized energy usage, reduced power bills, and full compliance with power regulations.

AMF PANELS

Reliable Power Backup, Seamlessly Automated

- We offer a comprehensive range of Automatic Main Failure (AMF) Panels, crafted using high-quality raw materials to ensure durability, reliability, and performance. These panels are designed to automatically start and stop the DG set in the event of a power failure, using an integrated controller for seamless operation.
- Our AMF panels are widely used across various industries due to their efficiency and adaptability. They can also be customized to meet specific client requirements.
- For advanced applications, we provide PLC-based Auto Load Management with AMF Panels, offering intelligent control and optimized generator usage based on load demand.
- All our panels are competitively priced, offering excellent value without compromising on quality.

MCC PANELS (MOTOR CONTROL CENTERS)

Smart Control for Motorized Operations

- An MCC Panel (Motor Control Center) is a centralized system used to control and protect multiple motors. It consists of key electrical components such as MCCBs, contactors, overload relays, and MPCBs.
- Advanced MCC panels may also include Variable Frequency Drives (VFDs), Programmable Logic Controllers (PLCs), metering systems, and Intelligent Motor Controllers (IMCC Panels) for enhanced automation and efficiency.
- Our MCC panels are built using state-of-the-art technology, designed in compliance with IEC and Indian Standards, and supported by intelligent, precision-engineered drawings. These panels are widely trusted for their reliability, safety, and performance in industrial motor control applications.

POWER CONTROL CENTERS (PCC PANELS)

Centralized Power Management for Industrial Demands

- Power Control Centers (PCC Panels) are modular electrical control panels designed to manage and distribute power efficiently in large industrial and commercial facilities. They regulate the power supply to heavy machinery, equipment, motors, and transformers, ensuring smooth and safe operation based on specific load requirements.

SERVO VOLTAGE STABILIZERS

Precision Voltage Control for Reliable Performance

- We manufacture world-class Servo and Automatic Voltage Stabilizers in both Air-Cooled and Oil-Cooled configurations, suitable for LT lines ranging from 1 KVA to 500 KVA.
- Engineered to meet international quality standards, our stabilizers offer highly efficient voltage regulation, making them ideal for ensuring stable power supply and protecting sensitive equipment from voltage fluctuations.

H.T. VCB PANELS

- Our High Tension Vacuum Circuit Breaker (H.T. VCB) Panels are designed for reliable and safe operation in medium voltage power systems. These panels are ideal for industrial and utility applications, where protecting electrical infrastructure from overloads, faults, and short circuits is critical.
- Equipped with vacuum interrupters, VCBs ensure arc-free interruption, longer operational life, and minimal maintenance. Their compact design, robust construction, and fast response time make them a preferred choice for indoor and outdoor installations.

Key Features:

- Suitable for voltages up to 33kV
- High breaking capacity with arc extinction in vacuum
- Enhanced safety and minimal maintenance
- Conforms to IEC and IS standards
- Optional remote operation and automation capabilities
- Ensure the safety and stability of your power systems with our efficient and dependable H.T. VCB Panels.

POWER & DISTRIBUTION TRANSFORMERS | ULTRA & SUPER ISOLATION TRANSFORMERS

Power & Distribution Transformers

Capacity: 63 KVA to 5000 KVA

Voltage Class: 11 kV & 33 kV

- Vector Group: Standard connection is Dyn11. Other vector groups are available upon request to meet specific application needs.
- Terminal Arrangement:
  - High Voltage (H.V.): Bare bushings or cable box
  - Low Voltage (L.V.): Bare bushings or cable box
  - Optional disconnecting chambers can be provided on both H.V. and L.V. cable boxes for added safety and convenience.
- Temperature Rise: Transformers are designed for a maximum oil/winding temperature rise of 50°C/55°C. Lower temperature rise options can be offered based on customer requirements.
- Core Construction: Built with cold-rolled, grain-oriented, low-loss, annealed electrical steel sheets that meet the latest international standards. A specially designed in-house clamping frame ensures reduced magnetic noise and enhanced structural rigidity.

Ultra/Super Isolation Transformers

- Our Ultra and Super Isolation Transformers are engineered to protect critical electronic systems from voltage transients, spikes, and DC leakage. These transformers are ideal for:
- Medical equipment
- Computers and peripherals
- CNC machines
- Digital communication systems
- Telemetry and instrumentation systems

Key Features:

- High-performance isolation prevents electrical noise from reaching sensitive devices.
- Multiple shielding layers reduce inter-winding capacitance to below 0.005 pF.
- Achieves DC isolation exceeding 1000 Megaohms.
- Unlike standard transformers, these are specifically designed not just to convert voltage, but also to block electrical noise and disturbances from passing through the power line.
- Ultra/Super Isolation Transformers stand apart in design, construction, and performance, offering superior protection compared to conventional separately wound transformers.

EARTHING SYSTEMS & G.I. PIPE ELECTRODES

Reliable Grounding Solutions for Safety and Performance

Material Selection for Earthing Electrodes

- The material used for an earthing electrode must have a galvanic potential close to that of the structure it protects in its uncoated state. It should also offer strong resistance to corrosion to ensure long-term effectiveness and reliability.

Importance of G.I. Pipe Electrodes

- In electrical systems, earthing (or grounding) ensures that electrical conductors are held at a potential close to that of the Earth's surface. The choice of an earthing system directly affects safety, system performance, and electromagnetic compatibility (EMC).
- G.I. (Galvanized Iron) Pipe Electrodes are widely used due to their durability, conductivity, and resistance to corrosion.
- Different countries have varying regulations, but the core purpose remains the same: protection of equipment, systems, and personnel.

Types of Earth Connections

- Protective Earth (PE): Designed to prevent electric shock by carrying fault currents safely to ground.
- Functional Earth (FE): Used in devices like surge protectors, EMC filters, antennas, and precision instruments. Unlike PE, FE may carry current during normal operation and must be carefully designed.

Key Requirements of an Effective Earthing System

- Provides a low-impedance path for fault current to ensure fast and reliable operation of protective devices.
- Maintains safe voltage gradients around substations during faults.
- Stabilizes circuit potential and limits voltage rise with respect to ground.
- Protects people and equipment from overvoltage risks during electrical faults or surges.

Our Expertise in Earthing Technology

- We are a pioneering company in the field of advanced earthing solutions, offering trusted and innovative products across the globe. Our specialties include:
- G.I. Pipe Earthing Systems
- Dual Pipe and Pipe-in-Flat Technology
- Our earthing electrodes are manufactured using hot-dip galvanized mild steel pipes, filled with a highly conductive, anti-corrosive crystalline mixture. This ensures excellent conductivity, long service life, and consistent performance even in harsh soil conditions.
- Thanks to our credibility, innovation, and global trust, we remain at the forefront of grounding technology, committed to creating safer and more reliable power systems.

SINGLE PHASE & THREE PHASE MOTOR STARTERS (AIR BREAK TYPE)

Reliable Motor Protection and Control

- We offer a range of Air Break Motor Starters for both Single Phase and Three Phase motors, designed for safe, efficient, and reliable operation across various industrial and commercial applications.

What is an Air Break Starter?

- An Air Break Motor Starter uses air as the medium to extinguish the arc formed when electrical contacts open and close. This type of starter is highly reliable, durable, and suitable for frequent start-stop operations.

Single Phase Motor Starters

- Ideal for small to medium loads such as pumps, compressors, and fans.
- Provides overload protection and manual control.
- Compact design and easy installation.
- Built-in thermal overload relay for motor safety.

Three Phase Motor Starters

- Designed for higher capacity motors used in industrial machinery, HVAC systems, and water treatment plants.
- Offers overload, under-voltage, and short-circuit protection.
- Includes contactor and thermal overload relay for comprehensive control.
- Available in Direct-On-Line (DOL) and Star-Delta configurations.

Key Features

- Sturdy enclosure with dust and moisture resistance
- High-quality contactors for long service life
- Easy accessibility for maintenance
- Conforms to IS/IEC standards

SOLAR POWER SOLUTIONS

Complete Solar Power Solutions

Inverters | Panels | Installation | All Capacities

- Empower your home, business, or industry with our end-to-end solar energy systems. We provide high-efficiency solar panels, advanced solar inverters, and professional installation services for projects of all sizes — from small residential units to large-scale commercial and industrial systems.

Solar Inverters

Intelligent Power Conversion for Maximum Efficiency

- Our range of solar inverters includes both on-grid and off-grid solutions, designed to convert DC power from solar panels into usable AC electricity with high conversion efficiency and smart performance monitoring.

Types Offered:

- Single Phase & Three Phase Inverters
- On-Grid, Off-Grid & Hybrid Models
- MPPT-based Inverters for Maximum Output
- Battery-Compatible Off-Grid Inverters for Backup Solutions

Solar Panels

Premium Quality, Long Life, Maximum Output

- We supply mono and polycrystalline solar panels that meet the highest global standards. Our panels offer:
- High wattage output per panel
- Excellent low-light performance
- Durability with tempered glass & anodized frames
- 25+ year performance warranty

Complete Installation & Support

We offer turnkey solar solutions, including:

- Site assessment & system design
- Supply of panels, inverters, batteries, and mounting structures
- Skilled installation by certified technicians
- Grid connectivity & net metering support
- Ongoing maintenance and service packages

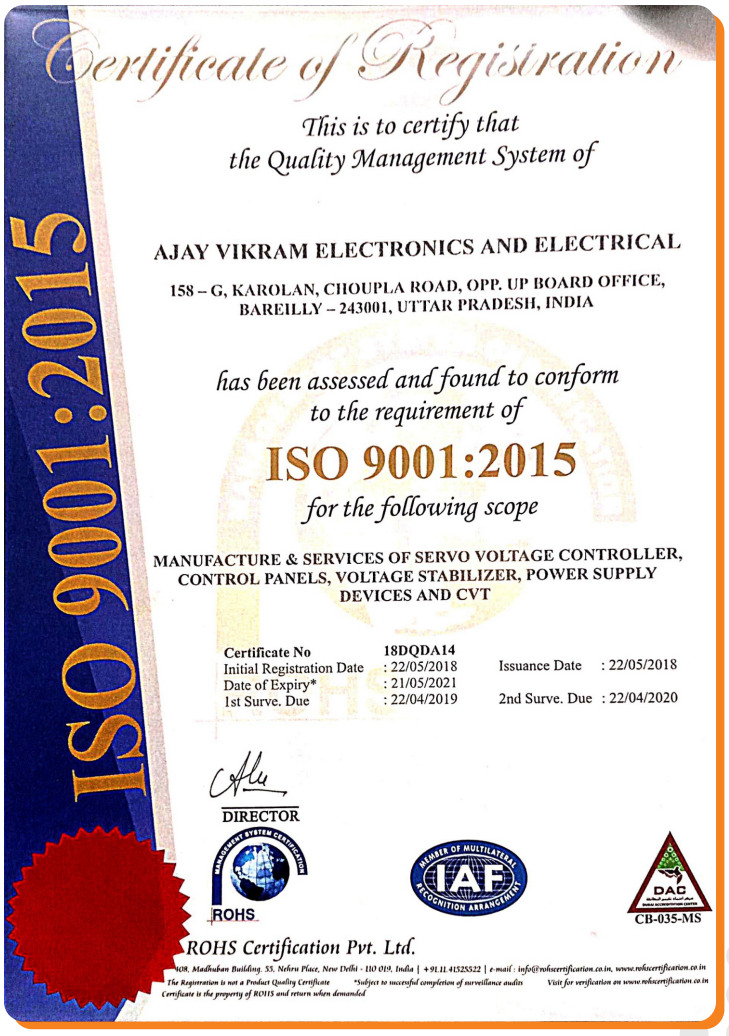
Available Capacities

- Residential: 1 kW to 10 kW
- Commercial: 10 kW to 100 kW
- Industrial & Institutional: 100 kW to 1 MW+

Why Choose Us?

- End-to-end project management
- ROI-driven system design
- Reliable after-sales service

Switch to solar — reduce your energy bills, lower your carbon footprint, and power your future with clean, renewable energy.



Certificate of Registration

This is to certify that
the Quality Management System of

AJAY VIKRAM ELECTRONICS AND ELECTRICAL

158 – G, KAROLAN, CHOUPLA ROAD, OPP. UP BOARD OFFICE,
BAREILLY – 243001, UTTAR PRADESH, INDIA

has been assessed and found to conform
to the requirement of

ISO 9001:2015

for the following scope

MANUFACTURE & SERVICES OF SERVO VOLTAGE CONTROLLER, CONTROL PANELS, VOLTAGE STABILIZER, POWER SUPPLY DEVICES AND CVT

Certificate No	18DQDA14		
Initial Registration Date	: 22/05/2018	Issuance Date	: 22/05/2018
Date of Expiry*	: 21/05/2021		
1st Surve. Due	: 22/04/2019	2nd Surve. Due	: 22/04/2020

DIRECTOR

ISO 9001:2015

ROHS

IAF

DAC

CB-035-MS

ROHS Certification Pvt. Ltd.

The Registration is not a Product Quality Certificate *subject to successful completion of surveillance audits Visit for verification on www.rohscertification.co.in
Certificate is the property of ROHS and return when demanded

OUR CLIENTS

Boston Bakery and Cafe

Shiv Sagar Wood Products Pvt. Ltd.

Delhi Public School

HSJ harsahaimal shiamlal jewellers

orient electric

ramaa shyama Eco Kraft Paper

Hotel Skylark

Committed to Healthcare

Atmaram Vikram Birla Institute of Learning

SPRING WOOD HOTEL

Hotel harshikhar In the Lap of a Lake

Four Leaf Hotels & Resorts Happiness Included

पंचमुखी भोग Premium Quality

Narayana Health

लहौरिया THE RESTAURANT & LAWN

INKOPLAST TECHNOLOGIES

Lakshya Public School Khantha

The Mewar Inn

AVPCS

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