



POWER ELECTRICALS & CONTRACTORS

Your One-Stop Electrical Solution

VAIKOM • KALAMASSERY



Panel Boards



Residential



Commercial



Industrial



Electrocoagulation



STP & Solar

ABOUT US

Engineering reliable power across Kerala for over two decades

Power Electricals and Contractors delivers exceptional electrical installation and contracting services, backed by more than 20 years of hands-on industry expertise. Operating from Vaikom and Kalamassery, our skilled workforce serves clients across Kerala and beyond.

We specialise in HT & LT electrification, panel design and fabrication, STP and electrocoagulation systems, solar power, and ongoing maintenance — for residential, commercial, industrial, renewable-energy and infrastructure projects. As a licensed B-grade electrical contractor (up to 250 KVA), we pair engineering precision with an unwavering commitment to safety, quality and customer satisfaction.

LEADERSHIP



Varghese V

Founder & Technical Director

20+ yrs · HT/LT systems



Rithin Varghese

Lead Electrical Engineer

Design · QA.



20+

Years of Experience



300+

Satisfied Customers



250

KVA Licensed Capacity



100+

Bespoke Panel Designs

CORE VALUES



Safety



Customer-Centric



Quality



Sebin Siby

Lead Electrical Design Engineer

Design · QA



OUR SERVICES

Tailored power solutions for every environment



Residential

- Lighting Design & Installation
- Surge Protection Installations
- Backup Power Solutions for Homes
- Circuit Breaker Panel Maintenance
- Electrical Troubleshooting & Repairs
- Safety Inspections & Testing
- Code Compliance & Safety Consulting
- All Types of Electrical Wiring
- Renovations & Rewiring



Commercial

- Advanced Lighting Control Systems
- Accent & Ambient Lighting Solutions
- Energy-Efficient Lighting Installations
- Office & Retail Space Wiring
- Commercial Panel Board Installations
- Backup Power & Generator Installations
- Surge Protection for Commercial Systems
- Ongoing Maintenance Contracts
- System Design & Installation



Industrial

- Industrial Lighting Solutions
- High-Voltage System Installations
- Industrial Wiring & Cabling
- Power Distribution Engineering
- Machinery Wiring & Integration
- Motor Control Centre (MCC) Installs
- Automation & Control Integration
- Custom Control Panel Design
- Preventive Maintenance Programs
- Variable Frequency Drive (VFD) Installs



OUR SERVICES

Specialised systems & turnkey installations



Panel Boards

- Custom Panel Board Design Consulting
- Modular Designs for Scalable Systems
- Bespoke Fabrication & Assembly
- Surge Protection Integration
- Upgrades & Retrofitting
- High-Density Industrial Panels
- Safety & Compliance Certification
- Integrated Control & Automation
- Panel Engineering & Layout Optimization
- Compact Space-Saving Solutions



Electrocoagulation

- Onsite System Commissioning
- Electrocoagulation Unit Installation
- Water Quality Analysis & Treatment
- Custom System Design
- Scheduled Maintenance & Repair
- Integration & Automation Solutions
- Process Optimization
- Industrial-Scale Services
- Electrode Cleaning & Replacement
- High-Efficiency Electrode Selection



STPs

- Complete STP Installation & Commissioning
- STP Electrical Design & Engineering
- Backup Power System Installations
- Hazardous-Area Electrical Installs
- STP Lighting & Emergency Exit Solutions
- Automation & Control Panel Integration
- Electrical Infrastructure Upgrades
- Panel Upgrades & Customization
- Energy-Efficient Motor & Pump Installs
- Solutions for Harsh Environments

OUR PROJECTS

A proven track record across residential, industrial & commercial sectors



RESIDENTIAL

FLAGSHIP

Karuna Bhavan, Kottayam — 4,000 sq ft housing complex

- 50+ dedicated circuits with surge protection & LED profile lighting
- 30 kVA diesel generator + automated load transfer; Inspectorate-compliant
- Part of 50+ residential projects over 25 years (30–60 circuits each)



INDUSTRIAL

FLAGSHIP

Oxygen Generation Plant, Manorama — 15,000 sq ft facility

- Industrial-grade oxygen (>95% purity) via dual Pressure-Swing Adsorption units
- 15+ industrial projects; cumulative connected load exceeding 10 MW
- 20+ warehouses electrified with LED retrofits & advanced load balancing



COMMERCIAL

FLAGSHIP

4-Star Hotel, Kalamassery — 15,000 sq ft over 6 floors

- 300+ circuits; 160 kVA delta-wye transformer; 150–300 A panels w/ surge protection
- DMX-controlled LED arrays (up to 5,000 lm) + HVAC with 150 kW backup generator
- 50+ commercial projects; cumulative power management over 5 MW



OTHERS

SPECIALTY AREAS

Solar • STP • Electrocoagulation • Panel Design

- Solar: 40+ systems (3–25 kW) with DC/AC conversion & grid synchronisation
- STP: 15+ projects · Electrocoagulation: 10+ installs with real-time monitoring
- 100+ bespoke panel designs — Star-Delta, VFD, DOL & IoT-enabled controls



LET'S POWER YOUR NEXT PROJECT

Reach out for a consultation or a free site assessment.



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