



PAK GREEN
Solar Solutions

JAN 2026

**Renewable Energy
Industrial Engineering
Industrial Automation
AI, Cybersecurity &
Smart Farming**

**COMPANY
PROFILE**

2026

WHAT WE DO

Pak Green Solar Solutions is an end-to-end industrial solutions company—not just a solar installer. We help commercial and industrial clients reduce energy costs, digitize operations, and secure their infrastructure under one execution umbrella.

On the energy side, we design and deliver on-grid, off-grid, and hybrid solar power plants, complete with net-metering, battery storage, SCADA monitoring, and full lifecycle support. We also strengthen factories with HT and LT electrical systems, transformers, panels, and power optimization.

Beyond power, we deliver industrial HVAC, mechanical and electrical installations, and fabrication—eliminating the need for multiple vendors.

Digitally, we help businesses modernize through AI automation, custom software, ERP and CRM systems, data analytics, and intelligent chatbots. To protect operations, we offer enterprise-grade cybersecurity including SOC and SIEM-based monitoring.

Our value is simple: one partner, one responsibility—lower costs, higher uptime, smarter operations, and secure growth from energy to enterprise.

RENEWABLE ENERGY

- Solar on-grid system design and installation
- Solar panel mounting & electrical connections
- Grid-tie inverter installations
- Net metering setup and commissioning
- Hybrid solar-generator systems
- Energy storage integration
- Performance monitoring systems

POWER DISTRIBUTION

- High-voltage switchgear and panels
- Automatic Voltage Regulators (AVR) – 200KVA+
- Load balancing and distribution optimization
- Custom LT panel design and fabrication
- Main distribution boards (MDB)
- Sub-distribution boards (SDB)
- Power distribution units

WHAT WE DO

SERVICES FOR MANUFACTURING

- MCCs & VFD installations
- Industrial automation & process equipment power
- Crane, material handling & compressed air systems

PUMPING & FLUID HANDLING SOLUTIONS

- Centrifugal Pumps for Water Supply
- Submersible Pumps for Wells & Sumps
- Booster Pumping Systems
- Sewage & Effluent Pumping Systems
- Fire Pump Systems (Diesel & Electric)
- Chemical Transfer Pump Systems
- Dosing & Metering Pump Systems
- Pump Control Panels & Automation
- Pump Room Design & Layout Engineering

MECHANICAL & PROCESS UTILITY SYSTEMS

- Compressed Air Systems
- Industrial Vacuum Systems
- Process Gas Piping Systems
- Steam Generation & Distribution Systems
- Cooling Water & Process Cooling Systems
- Industrial Drainage & Effluent Systems
- Pneumatic Material Handling & Conveying Systems

(S.C.A.D.A.) PRODUCTS

- Energy Monitoring & Management Systems
- Energy Control & Integration Controllers
- Hybrid & Microgrid Solutions

WHAT WE DO



HVAC SOLUTIONS

- Design & Engineering: System sizing, layouts, compliance, and simulations.
- Procurement: Supply of HVAC equipment and materials.
- Execution: Installation, commissioning, preventive maintenance, and support

SAFETY & SECURITY SYSTEMS

- Fire Safety Systems
- CCTV Security Systems
- Access Control gates & Attendance Management
- License Plate Recognition System
- Parking Barriers
- Under vehicle Inspection System
- Luggage Scanner

BACKUP POWER SERVICES

- Diesel generator installations (50 KVA to 2000 KVA+)
- Automatic Transfer Switch (ATS) systems
- Uninterruptible Power Supply (UPS) solutions
- Generator synchronization and load sharing
- Fuel storage and distribution systems
- Battery backup solutions
- Generator maintenance and service contracts
- Load-shedding management system

SMART FARMING SOLUTIONS

- Smart Soil Monitoring & Precision Agriculture
- Rain Gun & Large-Scale Irrigation Systems
- Solar-Powered Water Pumping for Agriculture

WHAT WE DO

Request - Input
Answer - Output



Widget



App Admin

Customer Request

Generated Reply

Interact
With A



Backend
App



Embedder

Data Uploading

- Text
- HTML
- URL



Frontend
App

ELEVATOR & ESCALATOR

- Passenger Lifts
- Home / Residential Lifts
- Goods & Freight Lifts
- Car Parking Lifts
- Escalators

CYBERSECURITY

- Risk & Vulnerability Assessments
- Network & Infrastructure Security
- Endpoint & Device Protection
- Security Monitoring & Incident Response
- Compliance, Policy, & Governance
- Identity & Access Management (IAM)
- Cloud Security & Secure DevOps
- Security Awareness Training & Phishing Simulations

SOFTWARE AS A SERVICE

- Custom SaaS Application Development
- Industry-Specific SaaS Platforms
- Integration & API Development
- Analytics, Reporting & Dashboards
- Security, Compliance & Data Protection
- Automation & Subscription Management
- Cloud Hosting, DevOps & SaaS Operations
- Product Strategy & Consulting
- Web development

ENTERPRISE AI, AUTOMATION

- AI Automation & Workflow Bots
- Chatbot Development (NLP/LLM)
- Healthcare AI (Diagnostics)
- Data Analytics & Predictive Modeling
- Custom AI/ML Solutions
- AI Strategy & Consulting
- Smart chatbots, custom LLM integration, and predictive AI apps for SaaS and e-commerce

MAJOR CLIENTS

- 1.3 MW Solar Power Plant at Spin Karez Coal Mine Quetta
- 300KW Solar Power Plant at Shanghai Industries Karachi
- 200KW Solar Power Plant FAV Co. SITE Area Karachi
- 100kW at Tando Adam Civil Hospital
- 100 kW On-Grid Solar Power Plant at NED University, Karachi
- 50kW Solar Power Plant at CSD Sibi
- 150 KW Ongrid Solar System at AL Hajjaj Bangle factory SITE Area HYDERABAD
- 100 KW Ongrid Solar Installation at Husaini Blood bank Head Office Karachi.
- 50 KW Ongrid Solar Installation at Husaini Blood bank Numaish Branch Karachi.
- Student Biryani Saddar Karachi 100kW On-Grid system, integration of PV-GENSET Controller system and SCADA monitoring
- Toyota Motors Hyderabad 100kW On-Grid system, integration of PV-GENSET Controller system and SCADA monitoring
- 40KW Solar Power System for Agriculture University Tando Jam Campus at Umerkot
- Defense phase II 48 KW HYBRID Solar project commission
- Inspection of solar system at 25 Schools in northern Sindh build by Japan international corporation Agency

ABOUT US

Pak Green Solar Solutions is an end-to-end industrial solutions company—not just a solar installer.

We help commercial and industrial clients reduce energy costs, digitize operations, and secure their infrastructure under one execution umbrella.

On the energy side, we design and deliver on-grid, off-grid, and hybrid solar power plants, complete with net-metering, battery storage, SCADA monitoring, and full lifecycle support. We also strengthen factories with HT and LT electrical systems, transformers, panels, and power optimization.

Beyond power, we deliver industrial HVAC, mechanical and electrical installations, and fabrication—eliminating the need for multiple vendors.

Digitally, we help businesses modernize through AI automation, custom software, ERP and CRM systems, data analytics, and intelligent chatbots. To protect operations, we offer enterprise-grade cybersecurity including SOC and SIEM-based monitoring.

Our value is simple: one partner, one responsibility—lower costs, higher uptime, smarter operations, and secure growth from energy to enterprise.

<https://pakgreensolarsolutions.com/>



OUR TEAM



SAAD ULLAH SOOMRANI

FOUNDER

Having developed an EPC that has grown into a leading megawatt-capable entity in the renewable energy sector, he brings over 12 years of experience in the Telecom and ISP industries with contributions to global leaders like Ericsson, Huawei, and Augere.



ABID GHAURI

DIRECTOR BUSINESS DEVELOPMENT

With 15 years of expertise in telecom networking, including experience with industry leaders like Huawei, he brings unmatched creativity and passion to entrepreneurship. Skilled in project management, software development, and troubleshooting.



IMAAD ABDULLAH

CO-FOUNDER & DIRECTOR TECHNICAL

He is a researcher with expertise in renewable energy, software and web development. He pioneered the creation of Soil Sense Pro, a cutting-edge device for soil data collection in agricultural fields, driving innovation in Agri-tech.

OUR TEAM



ZOHAIB HASHMI

DIRECTOR OPERATION KARACHI & BALOUCHISTAN

Zohaib Hashmi brings over 15 years of experience in Electronics and Solar Energy to his role as Director of Operations for Karachi and Balochistan. A seasoned expert, he has successfully executed more than 50 industrial and commercial solar projects, including several in the megawatt range.



MUHAMMAD MAAZ SALEEM

CONSULTANT – FINANCE, SUPPLY CHAIN & INDUSTRIAL OPERATIONS

Muhammad Maaz Saleem brings over 17 years of expertise in Accounts, Finance, and Supply Chain Management to his role as General Manager at Choice Asia Industry (Pakistan). A versatile leader, he has successfully driven operational excellence across diverse sectors, from finance and auditing to large-scale procurement, warehousing, and production management.

CORE VALUES

Integrity and Honesty

Driven by Integrity, Committed to Honesty – Pak-Green Solar Solutions Delivers Trustworthy Excellence.

Flexibility and Customisation

Adaptable Solutions, Tailored to You – We Meet Every Customer's Unique Needs.

Premium Quality and Excellence

Excellence in Every Product – We Deliver Only the Highest Quality, Every Time.

Responsibility and Ownership

We Own Our Actions – Pak-Green Holds Itself Accountable to Delivering Results You Can Trust.



EXPERTISE WITH A PROVEN TRACK RECORD

With years of industry experience, we specialize in solar energy systems and DG-PV synchronization controllers. Our track record includes multiple megawatt-scale installations, all delivered on time, within budget, and to the highest engineering and safety standards.

END-TO-END PROJECT MANAGEMENT

From procurement and system design to installation, commissioning, and after-sales support, we handle every stage of your project. Our integrated project delivery model ensures streamlined communication through a single point of contact, enhancing efficiency and accountability.

AWARD-WINNING

With extensive expertise in operations, supervision, and management, our technical excellence and innovative thinking were further recognized at the Food AG Expo 2023, where his company earned top honors for its groundbreaking Agri-tech proposal.



CUTTING-EDGE TECHNOLOGY INTEGRATION

We deploy advanced technologies such as SCADA-based monitoring systems, smart DG-PV controllers, and IoT-enabled energy analytics, equipping your project with future-ready, intelligent solutions that optimize performance and ROI.

WHY CHOOSE US

CONTACT US



+92 300 5872112



contact.pakgreensolar@gmail.com



www.pakgreensolarsolutions.com