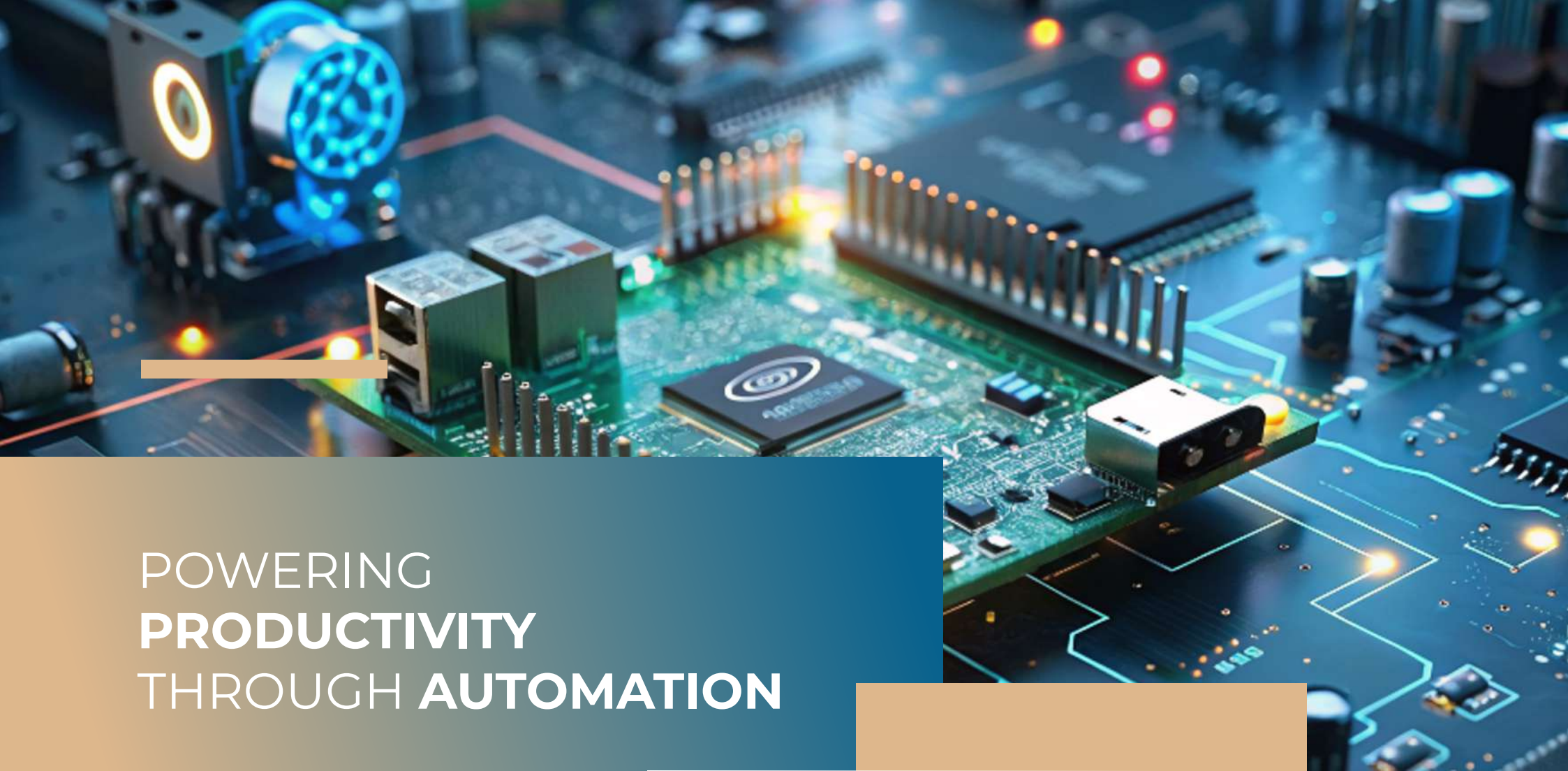




POWERING **PRODUCTIVITY** THROUGH **AUTOMATION**



دیونز آند تایدز سولوشنز
**Dunes and Tides
Solutions Co.**

www.duneandtides.com

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ABOUT COMPANY

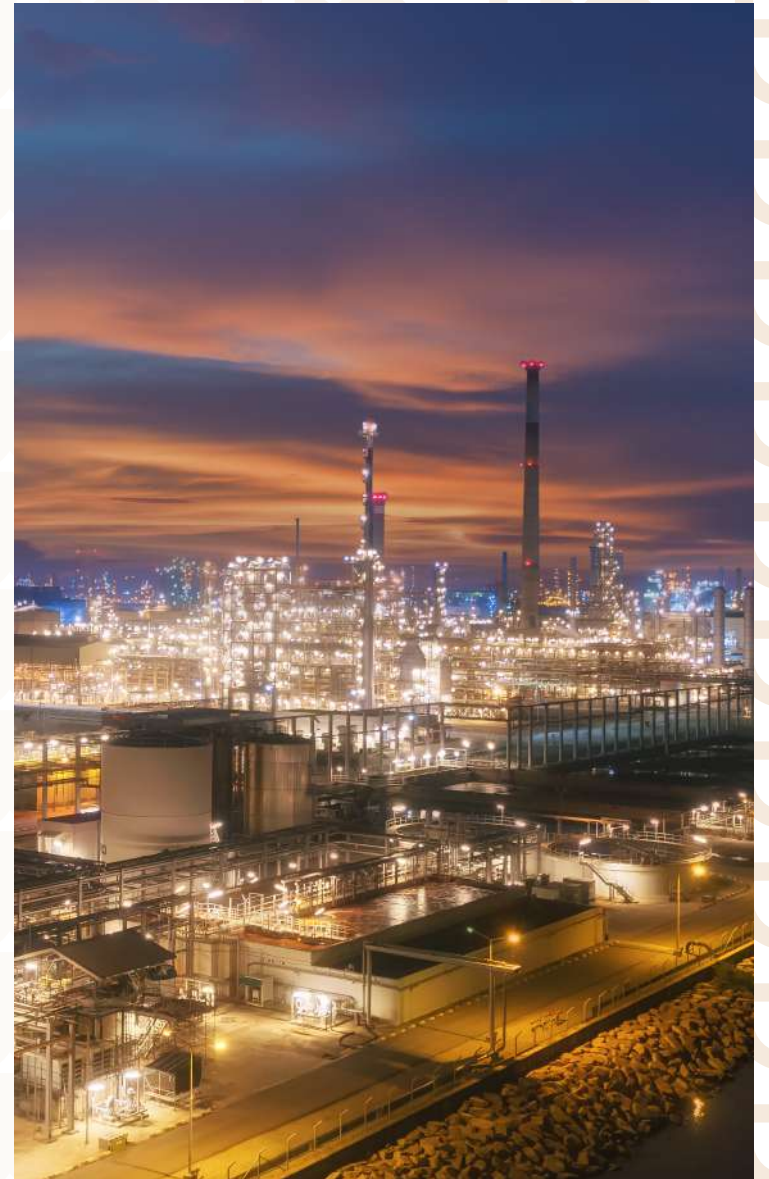
Dunes & Tides Solutions Company is a leading manufacturer and solution provider specializing in Electronic Interface Modules, Custom-Built Cable Assemblies, Fiber Optic Patch Panels, Patch Cords, and Interconnection Solutions for industrial automation. We cater to critical sectors such as Oil & Gas, Refineries, Power, Water, Process Automation, and Infrastructure, delivering high-quality, reliable, and scalable products engineered for the most demanding environments.

Aligned with the goals of Saudi Vision 2030 and Aramco's IKTV (In-Kingdom Total Value Add) program, the company is committed to gradually strengthening localization and contributing to the Kingdom's industrial growth.

Our expertise spans the design, development, and delivery of world-class electrical, networking, Fiber optic, and automation solutions that enhance industrial performance with superior efficiency and reliability.

Driven by a strong commitment to innovation, global quality standards, and customer success, we go beyond manufacturing. We provide strategic collaboration, sales and marketing consultancy, and comprehensive pre-sales and after-sales support. This holistic approach ensures seamless system performance, long-term value creation, and sustainable growth for our clients — while actively supporting the Kingdom's localization and industrial transformation initiatives.

TRUSTED TECHNOLOGY
PARTNER FOR
**AUTOMATION AND
CONTROL SYSTEMS.**



LEADERSHIP TEAM



MR BAJPE ZAKRIA

CHAIRMAN
EXPERIENCE 40+ YEARS



ZAHID ZAKRIA

MANAGING DIRECTOR
EXPERIENCE 10+ YEARS



SUDARSHAN B

VICE CHAIRMAN
EXPERIENCE 35+ YEARS



VIKAS GARG

CEO
EXPERIENCE 30+ YEARS



SANDEEP
KULKARNI

SALES DIRECTOR
EXPERIENCE 25+ YEARS



To be the most trusted partner in Networking, Automation, Control & Instrumentation, recognized for transforming challenges into opportunities through creativity and dedication. We envision a future where our solutions set new benchmarks in performance, sustainability, and customer satisfaction & driving innovation and growth in alignment with Saudi Vision 2030.



At Dune & Tides, we are driven by the values of adventure, commitment, and integrity, reflected in everything we do – from our company culture to the quality of our products. By staying true to these values, we foster a deeper sense of purpose and fulfilment in our work.

With a foundation built on creativity, dedication, and sincerity, we are committed to continuously designing and manufacturing cutting-edge instrumentation and automation solutions. Our goal is to exceed customer expectations by providing innovative, efficient, and cost-effective solutions for every process measurement and control need.

OUR CORE COMPETENCIES



Engineering



Product
Development



Assembly



Testing



Quality
Assurance

Area of Expertise	Products & Solutions
Network Cabling & Fiber Optic Solutions	Copper and optical fiber connectivity for Industrial and infrastructure applications, high-performance
Electronics Interface Modules (EIMs)	Pre-assembled electronic modules for discrete input, output & analog Inputs & outputs for redundant & non- redundant IO's. Design & production prototype.
Industrial Signal Interface & Process Measurement Solutions	Signal isolators, signal repeaters, RTD and thermocouple (TC) to current transducers, voltage/current isolating transducers
Comprehensive Indicator Product Line	Digital indicators & controllers (panel-mount and field-mount), loop-powered indicators, fan monitoring & controller units, temperature & humidity indicators
System & Marshalling Prefabricated Cable Assemblies	Compatible with all leading PLC and DCS I/O systems
Custom-Built Cable Assemblies & Wire Harnesses	Engineered to meet project-specific requirements
Panel Utility Components	Industrial utility sockets (DIN-mount), LED lights, thermostats, Static Switch (Automatic Transfer Switch), related accessories
Outsourcing Management Services	Specialized panel accessories and instrumentation products Reliable sourcing and supply continuity
Quick-Turnaround Manufacturing Capability	Prototypes, engineered batches, low-volume production

PRODUCT PORTFOLIO

Innovative automation
products designed for
industrial excellence.

Our products are engineered to deliver reliability, performance, and precision for industrial automation applications. From electrical and automation assemblies to advanced interface modules and customized control panels, each solution is designed to meet global standards and the evolving needs of modern industries.

Product Portfolio

Network Cabling Solutions

- Copper Structured Cabling – End-to-end Structured Cabling from CAT8 to CAT5e ,
- STP & UTP Ethernet Wiring System
- Ready-to-install fibre solutions for control rooms & network panels.

Application

Ethernet Connectivity in Automation, Data Centre



Product Portfolio

Optical Fiber Connectivity & Solutions

- Fiber Structure Cabling – Fiber Optic Patch Panels, Fiber Optic Adapter & Couplers.
- Ready-to-install fibre solutions for control rooms & network panels.
- Fiber Optic Patch Cords LC-LC, LC-SC, SC-SC Single Mode, Duplex.

Application

Fiber Optic Connectivity in Automation, Data Centre



Product Portfolio

Industrial Signal Interface & Process measurement

- Analog Signal Isolator, 4-20mA
- Analog Signal Splitter, 4-20mA
- RTD/TC to 4-20mA Transducers
- Voltage / Current Isolating Transducers

Application

Automation & Control



Product Portfolio

Pre-engineered Cable Assembly

- Prefabricated Cable assemblies using various connector option FRC/D-Sub/ELCO
- Available in user specified cable length.
- Outer sheathe FRLS/ LSZH
- Cable cross section 0.25/ 0.34/0.5 Sq.mm.

Application

System to Marshalling Interfacing



Product Portfolio

Signal Interface Modules (ELCO, D-Sub & FRC)

- Passive Interface Module. One to one connection.
- EDAC 38/56 Pin to screw terminals.
- D-Sub 25,37,50 Pin to screw terminals.
- FRC 20,40,50 Pin to screw terminals.

Application

Marshalling to field Interfacing



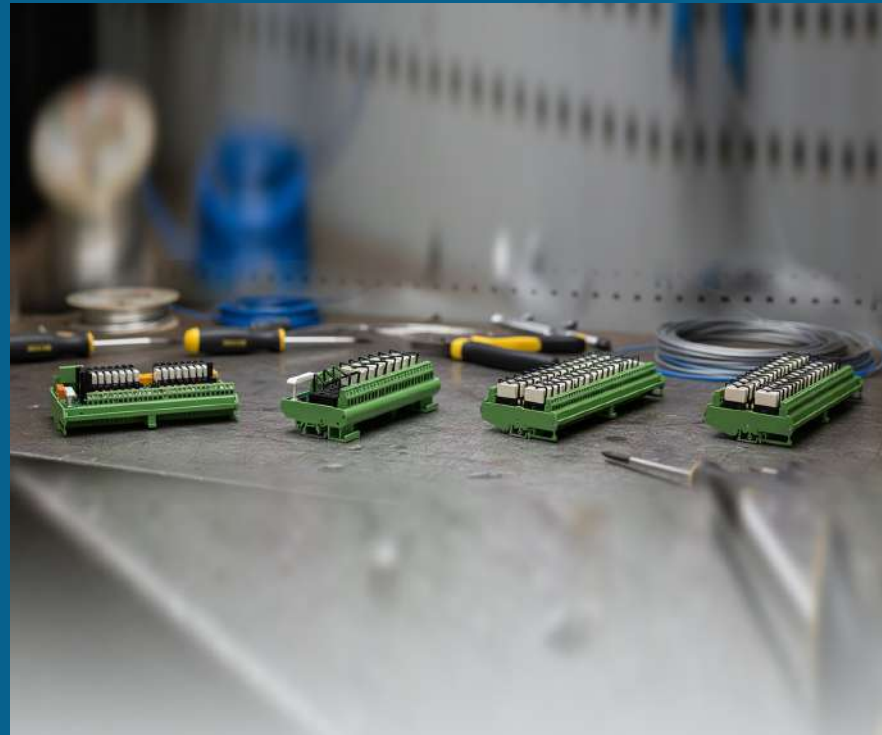
Product Portfolio

Electronics Interface Modules Discrete I/O's

- Discrete Input Interfacing module with fuse & Relay Isolation for red or non-red Signal
- Discrete Output Interfacing modules with 1C/O or 2 C/O Relay contact.
- Option available using Fuse protection in each Input /output.

Application

System to Marshalling Interfacing



Product Portfolio

Digital Indicators & Controller -Panel Mount

- Input Options: DC/AC Current, Voltage, RTD-PT100, Thermocouple.
- Upto 2/4 Relay changeover contacts
- Analog Retransmission Output.
- Data Communication on Modbus RS-485

Application

Process Measurement & Monitoring



Product Portfolio

Loop Power Indicators - Field Mount

- Standard 4-20mA DC current loop powered operation (no external power supply require)
- LCD & LED Seven segment display options.
- Built-in temperature transmitter for direct RTD sensor input.
- Pesco certified, flameproof Exd enclosure

Application

Process Measurement



Product Portfolio

Temperature & Humidity Indicators

- Built-in precision temperature sensor/ humidity sensor.
- Digital display for temperature or humidity indicators
- Relay control & re-transmission for RH & temperature.

Application

Monitoring environmental conditions inside Cabinet



Product Portfolio

Static Switch (ATS)

- Static Power Switch 21/31 Amp. Available in Din rail mount.
- 41A, 63A available in 1U & 2U 19" rack size.
- 110VAC/230VAC Single phase power supply input.
- Digital display for Input Voltage & output current monitoring.
- Control relay output for remote power supply fail alarm.

Application

Data Center & IT Hardware



Product Portfolio

Fan Monitoring & Controllers:

- Universal Input 90-270VAC, suitable for 110VAC/230VAC fans.
- Dynamic 2/4 fans operation supervision.
- Re-transmission & Ambient temperature monitoring.
- Built-in auto current sensing feature.
- Alarm Relays for Fan fail & temperature.

Application

Cabinet Temperature monitoring & Controlling



Product Portfolio

Panel Utility Components

- Industrial Country wise Electric Sockets.Universal Socket- AC30, Type-F, G etc.
- Thermostat NO, NC & Dual Thermostat.
- Panel LED Light 3Watt to 15 Watt.

Application

Automation Panel bought outs



MANUFACTURING CAPABILITIES

Our state-of-the-art manufacturing facility is equipped to deliver high-quality Electronics Interface Modules, Custom Cable Assemblies, and Industrial Interconnection Solutions. With advanced tools, skilled manpower, and robust quality systems, we ensure precision, reliability, and scalability for every project.

Key Capabilities Includes

- o Automatic Cutting & Crimping Machines
- o Assembly line for Electronics Interface Module
- o Dedicated lines for Cable Assemblies & Wire Harnessing.
- o Fibre Optic & Networking Assembly Setup
- o Prototype Development & Rapid Turning
- o Automated Testing & Quality Assurance
- o In-house Design, Engineering & CAD Support
- o Outsourcing Management for Specialized Products



QUALITY ASSURANCE

We uphold strict quality standards to ensure every product performs reliably in Industrial Automation environments. Our zero-compromise approach ensures durability, safety, and consistency in all field applications.



Reliable. Tested. Industry-Ready.

Every Electronics Interface Module, cable assembly, and interconnection solution undergoes thorough testing including:

- Continuity & point-to-point verification
- Hi-Pot & insulation resistance tests
- Functional testing for EIMs
- Fibre optic loss & end-face inspection

Process-Driven Assurance

We maintain disciplined QC processes with:

- Incoming material inspection
- ESD-safe assembly practices
- Detailed process documentation & traceability
- Regular calibration of tools and test equipment

WHY CHOOSE US?



COMPREHENSIVE SOLUTIONS

From design and manufacturing to assembly, testing, and support, we cover the complete lifecycle



TECHNICAL EXPERTISE

Strong engineering knowledge in electrical, automation, networking, and control systems.



QUALITY & RELIABILITY

Products designed for durability, performance, and compliance with international standards.



CUSTOMIZATION

Tailor-made solutions to meet diverse industrial needs and applications



GLOBAL REACH

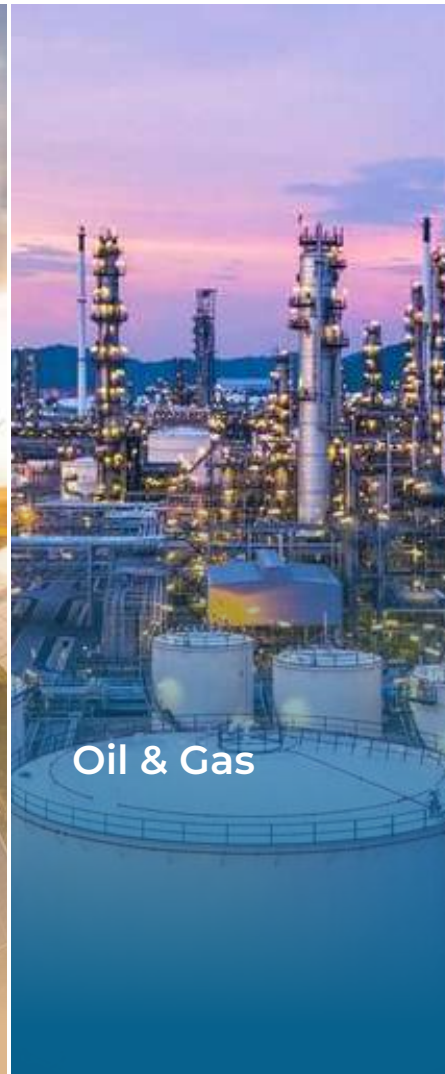
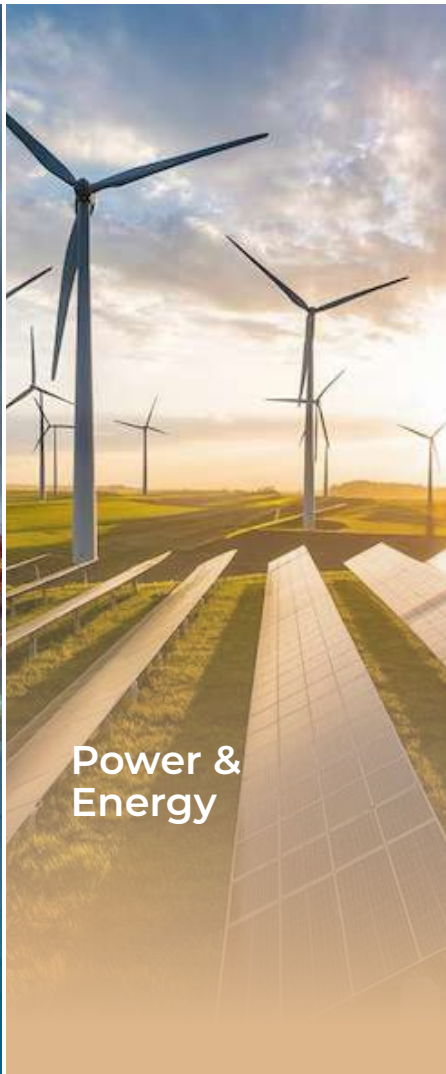
Import, export, and collaborations with international technology partners.



END-TO-END SUPPORT

Dedicated pre-sales and after-sales service to ensure seamless operations

TARGET INDUSTRY



CERTIFICATIONS



Industrial License / Establishment License



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