



Ercon Group of Companies

www.erconme.com



Enclosures

Switchgear

Automation

Solar Power

Company Profile

Overview | 2017

leading through **innovation,** with excellence in engineering

about us

ERCON GROUP, established in 2002, is today one of the leading manufacturer in switchgear industry, With its locations in United Arab Emirates, Kingdom of Saudi Arabia and Pakistan, progresses towards implementing innovative technologies, developing encompassing products, with a well organized task force of more than 700 skilled employees, led by highly qualified engineers and experienced management team. ERCON immense intentions are, to advance on technology part, upgrading to the most modern range of machineries and expertise enhancing its capability at the par.



Since decades, ERCON has successfully completed projects for major sectors in Oil & Gas Field, Power Companies, Aviation and Other large scale utilities. Today being a pioneer, Ercon emerges as paramount solution provider in Gulf.



intend to **deliver** the **world class** solution

Developments

ERCON manufactures complete range of MV/LV Switchboards, Package Substations, Capacitor Banks, Motor Control Centers, Control and Relay panels. ERCON has the capability to design and produce panels conforming to the exact requirements of the clients.

endeavored to offer customers, the professional, application-oriented solutions.

Towards Perfection

We have consistently adhered to guiding principles, "always striving for perfection, sincere return to the community". Our business philosophy is to follow, "use first-class talent, build first-class enterprise, produce first-class products, Provide first class service", and we pursue people and innovation oriented management principles. Fully aware of the importance of product particulars, ERCON constantly improves the production capability and design competence.



Ercon Group of Companies

www.erconme.com

Customized **solution** **met** to the expectations



ENCLOSURES

Metal and Polyester Enclosure

When it comes to sheet metal fabrication, Ercon takes it very acutely, forming the metal sheets with aid of latest technologies & applied sciences, and in result getting the right solutions for the customer stern needs. The vast experience & technical approach of our team helped our clients to get the right solutions they are looking for, whether they are short at space, ground realities are involved, tough environment of Middle East, our team has always studied the requirement and designed the products which are in accordance with international standards & meet these aforementioned challenges as well.

the trend to develop as per your need

OUR EXPERTISE

Package Substation Housings in Steel & Aluminium

Distribution Boards - DBs

Small Size Enclosure - Wall Mounting Type

Medium Size Enclosure -

Wall Mounting & Floor Standing Type

Large Size Enclosure

Extendable Type Enclosure

Single Wall Aluminium Enclosure

Double Wall Aluminium Enclosure

Enclosures in Stainless Steel

Control Desks

Enclosures of Form IV up to Type 7B

19" Racking System for IT & Telecommunication

Sound Proof Containerized Shelters for Generators

Explosion Proof Enclosures

GRP Enclosures & Customized GRP Solutions

GRP Housings

Global Standards

Since a decade, ERCON GROUP of industries is serving different sectors of life throughout the GCC countries & worldwide. i.e Power distribution, Telecom, Oilfield, Aviation, Medical, Industrial, Defense, Water Treatment Plants, Food Industries and more.

Advanced Technology

Our plants are equipped with comprehensive & modern CNC machines duly comprising the following Manufacturing facilities ie laser cutting, punching & slitting, forming, folding, bending, Laser welding, Mig & Tig welding, shearing, backed by a fully automatic powder coating plant to produce quality Products at international standards.

Customized Solution

Ercon offers fully customized solution to various industries, considering their expectation and needs. We are in a trend of analyzing the scope and developing products irrespective to any size or design.



Ercon Group of Companies

www.erconme.com



SWITCHGEARS

Low Voltage Switchgears and Switchboards

Our switchgear division has expertise in designing and integration of LV & MV switchgear and capable to integrate as per IEC, ASTA and NEMA Standards. We are flexible in design and selection of components as per customer requirements. Ercon has expertise in manufacturing high quality Package Substations, MDBs, SMDBs, FDBs, LCPs, PF Panels, AHU Panels, Motor control centers, intelligent MCC & Draw out type MCCs.

encompassing products with world class switchgear components

RANGE

Motor control centers

Intelligent motor control centers

Synchronizing panels

Package Substations

Main Distribution Boards

Sub Main Distribution Boards

Distribution Boards

Automatic power factor correction panels

Metering cabinets

Feeder pillars

Lightning control panels

Pioneer in manufacturing

ERCON is the manufacturer which has all encompassing products including **Switchgear and Control & Relay Panels**. We are using **world leading class** switchgear components as per customer requirement like **ABB, Logstrup, Schneider Electric,**

Customizing Complexity

Ercon is very **specialized in manufacturing** Package substations in all type of Metal alloys , Aluminum, and GRP , meeting required **standards and specifications** of middle eastern markets. Ercon is specialized in providing **customized solution** for all type of Motor Control centers and LV Switchgear

Project Management and Quality

We, Ercon grown up in the market with our customers, we always exceeds our **customer expectations** by providing optimized design and quality product. Our **experienced and qualified project management** and **quality control team** always monitoring each **stages of our production** for a non-compromising quality products to our customers.



Ercon Group of Companies

www.erconme.com



PROCESS AUTOMATION

AUTOMATION SOLUTIONS AND COMPLEX CONTROL

Ercon Automation provides Automation solutions and complex control and instrumentation requirements in the market. Ercon is having highly skilled and experienced engineering professional to meet all complex control and engineering solutions in the industries, which includes PLC, SCADA and different Remote control solutions with RTU and latest telemetry systems.

We are Authorized integrator for Wonder ware SCADA and T box RTU, also we are partner of Siemens and dealing with all leading OEMS.



field service



process automation



remote monitoring

System Engineering and Integration

OUR EXPERTISE



FIELD SERVICE

Ercon being a engineering solution provider also involved in field engineering solution and erection and commissioning support activities. we have a dedicated team to work in site including the erection, cable pulling, termination and commissioning. Experienced e & i engineers and technicians to handle the instrumentation related activities in sites.

PROCESS AUTOMATION

We are specialized in providing process control solutions for water treatment and oil and gas industries. right from the process understanding to the system design shall be taken care by Ercon's process experienced professional designers. selection of right automation platform for process application is more important for durability, functionality and stability of the system

REMOTE MONITORING

We are specialized in providing process control solutions for water treatment and oil and gas industries, right from the process understanding to the system design shall be taken care by Ercon's process experienced professional designers.

Advanced wireless communication technology using Remote station via different network architecture.

Installation and Commissioning

24 Hour Telephone Support

Third Party Support

Spare Parts Management

Maintenance Management and Partnering

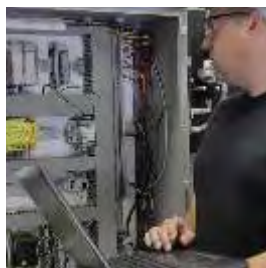
Quality System Design

Selection of right automation platform for process application important for durability, functionality and stability of the system.

Right Process For Right Solution

- Analysing
- Designing
- Engineering
- Integration
- Testing
- Erection
- Commissioning

We provide all well-known plc, rtu, and scada systems in the market as per customer requirement and studying the application and process requirements. our system design covers all engineering aspects including safety, quality, reliability and cost.



Ercon Group of Companies

www.erconme.com

the future in
renewable energy



SOLAR POWER

Solution

Effective Green Energy Solution

Ercon Energy brings the best available solar PV products to clients, in partnership with the most experienced design and installation team. We know there is a bewildering choice of panels and installers available today, and we believe you have the right to expect the very best of everything at a realistic price. From the panels we supply to the very last cable our experienced teams install, we focus on the highest available quality.

we deliver
**the nature's
engineering**

RANGE

PV Modules

Inverters

Batteries

Solar Pump

Solar Geysers

OUR EXPERTISE

Off Grid System

On Grid System

Hybrid System

Solar Irrigation System

LED Lighting Solutions

Ercon Energy

Ercon Energy is a subsidiary of Ercon Group of Industries, expertise as system designer and integrator of Solar Systems. We have range of all types of Solar Solutions, from basic home lighting systems and stand-alone solar street lights to large scale commercial projects and complicated telecom solutions with online monitoring.

System Integration

We are sole distributor and system integrator of SolarWorld AG PV AG (one of Germany's most respected, independent manufacturers of premium-performance solar panels). With diverse range of products, we offer system solutions for all solar energy applications. As a PV pioneer, Solar World has been producing top quality for over 35 years with expertise and passion, focused on crystalline solar power technology from the beginning.

Support

Our products have all required certifications and have proven its quality and exhibit the latest technology specifications. Our strong technical team enables us to provide better after-sales services, large stock availability all year round, fast maintenance support and early replacements, if required.



Ercon Group of Companies

www.erconme.com



Our Brands



Narada
Rechargeable Batteries



Voltronic Power



integrating world's best **ADVANCED TECHNOLOGY,** most modern range of machineries



ERCON is one of the few full fledged manufacturers with capabilities from product design, system design up to type test and dispatch all under one roof at its factories.

ERCON is able to provide state-of-the art manufacturing and testing facilities. All processes are interlinked using the latest Enterprise Resource Planning (ERP) software. This further enhances the company's efficiency in generating good quality, safe and reliable products.

Manufacturing Facilities

Design & Engineering

- Computer Aided Designing under the supervision of highly skilled team of Engineers
- Continuous evaluation and upgradation of design
- Offers Support to consultants and contractors during project initiation stage
- Tailor made solutions for specific customer requirements due to rich experience
- Compliance to both international and regional standards

Metal Processing

- State of the art sheet metal processing shop
- High quality Electro Galvanized Sheet Steel (EGSS)
- Dedicated line for stainless steel products processing

Pre-Treatment & Painting

- Panels are powder coated in in-house High Precision Powder Coating plant.
- Automatic Powder Coating Booths with integrated recovery systems.
- Oven & Dry ovens baked at 250° c to 300° c

Assembly Lines

- Large assembly hall with the flexibility to run Form 2 & Form 4 LV Panels simultaneously
- All assembly lines fully equipped with all necessary tools, jigs, fixtures

Copper Processing

- High quality 99.99% pure tinned copper is used ensuring proper conductivity
- Separate busbar fabrication shop equipped with modern CNC machines

accomplishing
highest

GLOBAL STANDARDS

ERCON with its highly skilled workforce, obtain the goals by delivering International Standards, through a adequate research and planning.





International Accreditations

ERCON has been certified under ISO 9001:2008 for many years. ERCON LV Panels are Totally type tested (TTA) as per IEC-61439-2 standard and certified by Asta Intertek (UK) with worlds renowned international laboratories ie IPH Berlin.

The zeal for continuous improvement and quality consciousness has enabled ERCON to succeed many accolades.

ERCON products are approved and accepted by leading International EPC Contractors and Consultants, prevailing approvals from large numbers of Ministries, Oil & Gas Companies, Utilities, etc

ISO 9001 : 2008 (revised by ISO 9001:2015)

QUALITY MANAGEMENT STANDARD

ASTA & IPH Certification

- Type Tested Switchgear & Control gear assembly upto 2500A (IEC 61439-2)
- Degree of Protection (IP Protection) up to IP65 (IEC 62208)

LOGSTRUP AUTHORIZATION

- Authorized distributor of Logstrup Denmark
- Logstrup modular system for distribution switchboards & MCCs upto 8500A Type tested assembly (IEC 61439-2 & IEC 62208)

ABB System pro E power AUTHORIZATION

- Authorized distributor of ABB "System pro E power" upto 6300A
- (IEC 61439-1/2 Standard) for Kingdom of Saudia Arabia.





Ercon Group of Companies

www.erconme.com

HEAD OFFICE

ERCON MIDDLE EAST INDUSTRIES F.Z.E

Phone: + 971 6 5388386

Fax : + 971 6 7427939

P.O Box 42834

Phase- 2, Hamriyah Free Zone, Sharjah .

United Arab Emirates.

erconme1@eim.ae

ERCON MIDDLE EAST INDUSTRIES F.Z.E (Ajman)

Phone: + 971 6 7427558

Fax : + 971 6 7427939

P.O Box 3026

Ajman Free Zone, Ajman

United Arab Emirates.

erconme1@eim.ae

ERCON MIDDLE EAST INDUSTRIES SAUDIA CO. (Riyadh)

P.O Box 2783. Al Riyadh Number 11461

2nd Industrial Area, Phase - 2, Street-180

Al Kharj Road, AL Riyadh.

Saudi Arabia.

Phone: 00966 11 4980016.

Fax No: 00966 11 4980804.

Email: erconksa@erconme.com

ERCON MIDDLE EAST INDUSTRIES SAUDIA CO. (Jeddah)

Office # 214, 2nd floor, Zaitoon Plaza.

Rehad Area, Jeddah.

Saudi Arabia.

Phone: 00966-12 6587520.

Fax No: 00966-12 6547843.

Email: erconksa@erconme.com

ERCON GROUP OF INDUSTRIES (Lahore)

31-81, Gulberg III, Lahore, Pakistan

Tel: 0092-42-35955877

Email : erconpk@erconme.com

