A WORLD
LEADER IN
CUSTOM
ENGINEERED
POWER
SOLUTIONS

ENERCON
ENGINEERING, INC.

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For over three decades, with more than 37,000 projects in over 110 countries, Enercon Engineering is a global leader in the power generation industry.

Enercon has built a solid reputation for integrity, high quality and engineering excellence in the custom design and manufacturing of controls, switchgear, transfer switches, packaging, enclosures, and cogeneration units for customer provided generator sets.

Headquartered in East Peoria, Illinois, with manufacturing and engineering facilities in Barnesville GA, Phoenix AZ, and Singapore, Enercon serves the power generation needs of a wide variety of customers.

- BUILDINGS
- LANDFILL
- HOSPITALS
- SCHOOLS
- PETROLEUM
- DEFENSE
- RETAIL
- RENTAL POWER
- SHOPPING MALLS
- UTILITIES
- DATA CENTERS
- AIRPORTS
- AGRICULTURE
- MANUFACTURING PLANTS
- HOTELS

CONTROL SYSTEMS

At the heart of any power generation system is the performance and reliability of the control systems. While control systems are often integrated into the switchgear lineup, other options include:

- FREE STANDING CONTROL LINEUP
- CONTROL CONSOLES
- WALL MOUNTED CONTROLS

SWITCHGEAR

Enercon's low voltage switchgear (600V and below) is available with main bus ratings up to 9000 amps.

All of our low voltage bussing (up to 4000 amps) is designed to meet UL 891 requirements and can be labeled as such. UL 1558 labeled switchgear is also available.

All of our medium voltage switchgear is designed as metal clad and meets all ANSI C37.20 standards.

PACKAGING & ENCLOSURES

No matter how unique your needs Enercon can custom engineer and manufacture power generation packages and enclosures to your exact specifications; diesel or natural gas fueled; mobile or skid mounted; sound attenuated; able to withstand extreme weather conditions.

COGENERATION, COMBINED HEAT & POWER

In addition to generating electric power, Cogeneration and CHP (Combined Heat & Power) increases fuel efficiency by harnessing useful heat energy for various purposes from a single engine without increasing operating costs. Recovered heat utilization applications can include direct space heating, water heating, process heat, material drying / curing, steam or pre-heat for steam, and absorption chilling for air conditioning or refrigeration.

Enercon's unique "Complete Systems" approach is unmatched in the power generation industry, and enables us to totally meet the requirements and specifications of every customer project.

At the heart of this unique approach, are four basic elements that go into every Enercon project.

THE ENERCON "COMPLETE SYSTEMS" APPROACH

1 FULL RANGE OF POWER GENERATION PRODUCTS:

Enercon is unique because we offer a full range of power generation products...controls and switchgear, transfer switches gen-set packages & enclosures, and cogeneration units. Our "Complete Systems" approach combines our full range of high quality products into a complete customer package all from one source – Enercon.

2 CUSTOM ENGINEERING:

All Enercon products and systems are custom engineered to meet the customers exact specifications and requirements, however unique. We work closely with customer personnel during the design phase to insure that our design more than meets his expectations.

3 COMPREHENSIVE TESTING:

100% of all Enercon designed and built controls & switchgear are tested at our factory prior to shipping. We also have complete test cell facilities for testing of engine generator sets, with or without switchgear. Our capability includes resistive / reactive load banks,complete metering and recording instrumentation, and ability to test both natural gas, diesel, or dual fueled generator sets through 15kV. Witness testing is also available at Enercon.

4 WORLDWIDE SERVICE:

Enercon has a full staff of product support engineers and field service technicians available to provide after-sale service anytime, anywhere, worldwide.

We also offer start-up commissioning or maintenance service for all Enercon products.

COMPLETE SYSTEM
SOLUTIONS IN
CUSTOM SWITCHGEAR
CONTROL SYSTEMS
TRANSFER SWITCHES
PACKAGING
POWER MODULES
ENCLOSURES
SPECIAL ASSEMBLIES
COGENERATION

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