



Facilities/Capabilities Report

Information about Basler, our goals, facilities, people,
and products.



Mission Statement

We are a worldwide leader in providing quality products and services to our customers. Our mission is to operate our business at a profitable level that will sustain growth and provide security for our employees, customers and suppliers.

General Information

Officers

William L. Basler

Chairman of the Board
Treasurer

Gregory S. Basler

Vice Chairman of the Board
Chief Executive Officer

Kenneth L. Rhodes

President and Chief Operating Officer

Matthew L. Basler

Chief Technology Officer

Kenneth S. Parker

Vice President, Finance
Corporate Secretary

Ownership

Privately-Held Corporation
State of incorporation: Illinois
Company founded: 1942
Company incorporated: 1947
Type of business: Manufacturer

ISO Certifications

The following Basler Electric facilities have received ISO 9001:2015 certifications:

Highland, Illinois
Taylor, Texas
Suzhou, China
San Marcos, Texas

To download PDF copies of the ISO certificate for each facility, visit www.basler.com.

Quality Policy

"We satisfy our customers by delivering defect-free, competitive products on time. We accomplish this by knowing the requirements of our jobs and performing to the best of our abilities while striving for continuous improvement."

Basler's Quality Policy applies to all Basler manufacturing facilities and utilizes the same Quality System that is designed to comply with the requirements necessary to obtain the ISO Certifications. The system stresses problem prevention, continuous process improvement, and compliance to well-documented procedures that involve all employees, suppliers, and associates. It encompasses all phases of quality planning, audit methods, quality records, work instructions, and test and inspection procedures. It establishes controls throughout the entire organization to ensure conformance to requirements in all departments of the company. It also ensures meeting quality objectives and minimizes the possibility of compromises that could affect product quality and reliability.

The management of Basler Electric is committed to providing the resources necessary to maintain the Quality System and processes associated with ISO Certification and to strive for continuous improvement through quality management.



Facilities

Location	Opened
Manufacturing	
Highland, Illinois	1942
Piedras Negras, Mexico	1990
Taylor, Texas	2003
San Marcos, Texas	2012
Sales, Marketing and Technical Support	
Suzhou, China	2004
Singapore	2009
Engineering, Installation, and Power System Svcs.	
Littleton, Colorado	2017
Corporate Headquarters	
North and South America Sales & Customer Support	
12570 State Route 143 Highland, IL 62249-1074 USA Tel: +618.654.2341 / Fax: +618.654.2351 email: info@basler.com	

Basler Electric (Suzhou) Co., Ltd

Serving China, Hong Kong, Macau, and Taiwan
No.59 Heshun Road Loufeng District (N),
Suzhou Industrial Park, 215122, Suzhou, P.R.China
Tel: +86 512.8227.2888 / Fax: +86 512.8227.2887
email: chinainfo@basler.com

Basler Electric (Singapore) Pte., Ltd

Serving Southeast Asia, Japan, India, and Australia
111 North Bridge Road, #15-06 Peninsula Plaza,
Singapore 179098
Tel :+65 68.44.6445/ Fax: +65 65.68.44.8902
email: singaporeinfo@basler.com

E² Power Systems, LLC

A wholly-owned subsidiary of Basler Electric Company
8115 Shaffer Parkway
Littleton, Colorado 80127 USA
Tel : +303.988.6659/ Fax: +303.988.5714
email: info@e2powersystems.com

Basler Plastics, LLC

A wholly-owned subsidiary of Basler Electric Company
201 Centerpoint Road
San Marcos, TX 78666 USA
Tel : +512.392.2800/ Fax: +512.396.8280
email: plasticsinfo@basler.com

Products

Basler Electric Company is organized into three product groups: Magnetic Product Group, Power Systems Group, and International Group. Wholly owned subsidiaries of Basler Electric include Basler Plastics, LLC, and E² Power Systems, LLC.

Magnetic Product Group

This group is responsible for the marketing, engineering, sales, and manufacture of custom magnetic components including transformers, chokes and coils. Product classifications include Class 2 Transformers, Small Power and Industrial Transformers, Large Dry-Type Power Transformers, and Value-Added Electromechanical Assemblies. Transformers range in power from 5 VA to 2800 kVA and are manufactured in two North American facilities. Standard products carry applicable UL/CSA approvals, with custom products designed to meet various North American and international standards as dictated by the application and specified by the customer. Products are sold to OEMs (original equipment manufacturers) for incorporation into their end products. These include heating and air conditioning systems, appliances, musical amplifiers, lighting controls, medical equipment, beverage dispensers, battery chargers, broadcast transmitters, elevator controls, and industrial welders, plus other applications.

Power Systems Group

Protection and Control Systems

Basler designs, manufactures, and markets utility grade BE1-series protective relays and automatic synchronizers. These products are applied at electric utilities, rural electric co-ops and municipalities, hydrogenerating facilities, independent power producers, and other industrial generating facilities. The extensive line of relays is in service worldwide in transmission, distribution, and generation applications. Basler's first solid-state relay was developed in 1972 and laid the foundation for today's digital products as an alternative to traditional electromechanical relays. Basler has developed an extensive line of retrofit relays, some true plug-and-play and others with the identical cutout and hole patterns of electromechanicals. Our new products have evolved into software-based, multifunction, communicating digital protection systems. Basler's BE1 Numeric Systems product line, featuring the BE1-11 Protection System for feeder, generator, inertia, transformer, and motor applications, consists of rack and/or panel mount devices combining multiple protective functions with control, metering, data acquisition, Modbus® and DNP3 protocols, IEC 61850 and Ethernet communication capabilities. The fundamental sensing ES series protection relays, designed to simplify protection, may be used where sophisticated, cost-effective protection is preferred.

Products, continued

Regulation and System Controls

These products serve the needs of generator and genset manufacturers, genset assemblers, repair shops, switchgear assemblers, and other OEMs and end users in the electric power generating industry. In 1959, Basler introduced the first solid-state voltage regulator, the SR, which is still being used worldwide. This product line expanded into a wide range of voltage regulators, accessories, system control devices, and excitation control systems. The new products being developed by this group have evolved into digital, multifunction, communicating devices. The DECS (Digital Excitation Control System) product family incorporates voltage regulation with several single function generator control devices into a microprocessor-based digital unit.

Basler's engine/genset controllers are easy to use, reliable, and rugged. The DGC line of genset controllers offers local/remote genset control, metering, paralleling control, synchronizing, generator protection, programmable logic, and SAE J1939 communications for your genset applications. The IEM-2020 Industrial Engine Module provides engine protection, engine metering, J1939 engine communications, and extreme ruggedness for industrial engine control applications. The capabilities of both products are greatly enhanced via the add-on Load Share Module, LSM-2020; Contact Expansion Module, CEM-2020; and Analog Expansion Module, AEM-2020. These modules increase functionality by adding kW load sharing, generator sequencing, and Ethernet communications (LSM), increasing the contact I/O capability (CEM), and adding analog I/O capability (AEM). These modules are connected via simple J1939 communications and can be mapped into BESTCOMSPPlus® PC software.

BESTCOMSPPlus® software is a very powerful and user-friendly tool for communication, operation, maintenance, and settings programming. It is available for products across the Power Systems Group line.

Excitation Control Systems

Basler developed its first static excitation system in 1974. These analog systems are still in service on thousands of generators. In the early '90s, Basler developed Digital Static Excitation Controllers. The DECS product line offers many integrated features and functions for regulation, limiting, protection, and data analysis. The flexibility also allows us to offer DECS products for standard or custom solutions that are utilized on a pan chassis or in cubicles as part of a complete system.

Strategic acquisitions allowed us to further enhance the DECS product line and expand the scope to fit a wider range of capabilities. Complete excitation systems provide automatic voltage regulation, paralleling, and frequency compensation. These units can be specified for replacement of rotary exciters or pilot exciters during power plant retrofitting or applied as original equipment in new facilities. They can be applied to any generator found at electrical utilities, hydroelectric generating sites, and other large industrial generating facilities.

International Group

Basler products are sold extensively outside North and South America. Through a team of direct sales personnel backed by an extensive representative and distributor network, Basler enjoys sales in more than 100 countries. Basler Electric (Suzhou) Co., Ltd. is responsible for sales, distribution, and technical support to China, Taiwan, Hong Kong, and Macao. Basler Electric (Singapore) Pte., Ltd. is responsible for sales, marketing, and technical support for Southeast Asia, Japan, India, and Australia.

Basler Plastics, LLC

Basler Plastics, LLC, a wholly-owned subsidiary of Basler Electric Company, specializes in cost-effective injection molding, design and build molds, and offers product development support, light assembly, and secondary services.

E² Power Systems, LLC

E²PS, LLC, a wholly-owned subsidiary of Basler Electric Company, is a full service electrical engineering and field services company that serves the power generation, power distribution, and controls market. E² specializes in consulting, design and system studies, field service, testing and maintenance, system upgrades, and turnkey services.