

## Company Profile



**BORRI®**

Organizations need a secure, reliable, sustainable power protection system to safeguard mission critical applications and reduce energy consumption: whether you are an oil and gas, petrochemical, power generation or utilities company sometimes based in extreme locations, or a private company needing to protect data reliably and cost-effectively we can offer a complete line of customized and tailor-made products to meet your specific needs, anywhere, anytime.

BORRI

by BORRI

Astrid



Borri is a company based in Italy, specialized in custom design, manufacturing and servicing of power electronics equipment for industrial and ICT applications.

The company can call on more than 80 years experience.

An enthusiastic board of directors can count on a staff of 120 highly skilled personnel: a mix of young talents and experienced employees who have been working under the Borri brand for a long time.

Borri has strong global presence and is represented in all 5 continents where it provides on-site service and technical support.



## MISSION

A passionate commitment to the delivery of state-of-the-art, energy-efficient and cost-effective power solutions with specially engineered and customized products able to fulfil the customer's ongoing requirements.

## VISION

Ensuring reliable data availability and industrial process even in harsh conditions with flexible energy-saving sustainable solutions contributing to a reduction in global warming.

## VALUES

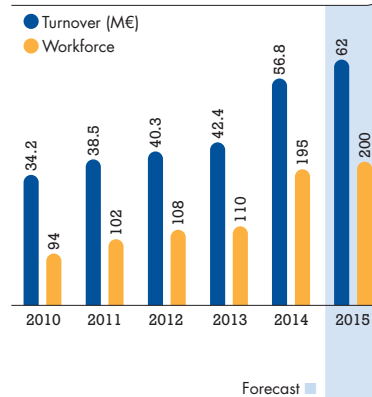
The company goal is to create long-term value for customers, employees and shareholders through a passionate commitment to excellence, ethical management, continuous development in industry leading technology and constantly improving customer support.

# COMPANY HISTORY

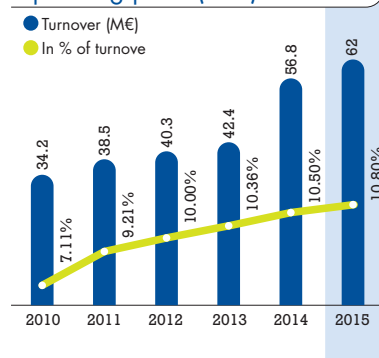
The company founded in 1932 by Mr. Ernesto Borri was sold by the Borri family to an international competitor in 1990. Between 1990-2005 the company belonged to several different international groups. In 2005 the company was acquired by a local group of entrepreneurs previously employed in key positions by the Borri family company. Since then the company renamed simply Borri has made significant economic progress despite the unfavourable economic climate worldwide: going from a turnover of 14 million in 2006 to more than 56 million in 2014. In 2014 Borri Spa gets stronger through the incorporation of the company Astrid Energy Enterprise Spa.

## RESULTS

### Growth



### Operating profit (EBIT)



## MILESTONES

- 80 years experience in power systems.
- Highly skilled custom engineering.
- Multidisciplinary R&D team made up of experienced senior managers and young professionals in close contact with: University of Florence, Siena, CE.TA.CE and TÜV.
- 15000 m<sup>2</sup> Italian factory dedicated to UPS production and testing area of which:
  - 7000 m<sup>2</sup> for Oil& Gas solutions
  - 5000 m<sup>2</sup> for ICT and industrial solutions
  - Up to 1200 kW testing potential suitable for full load test of units.
- Recorded in more than 40 vendor lists.
- Over 1000 worldwide installations for critical applications.



# WHERE AND HOW WE CAN ASSIST YOU

Information  
Communication  
Technology



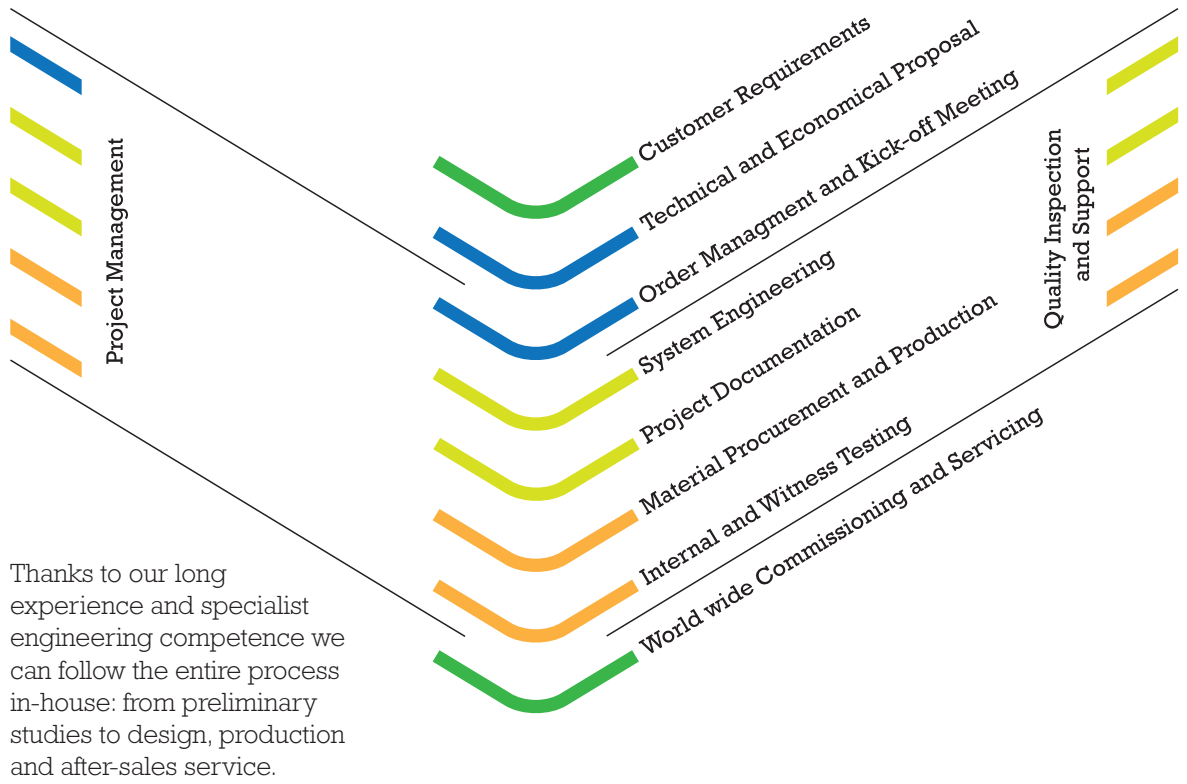
Oil & gas,  
petrochemical,  
power  
generation  
and utilities



Process,  
infrastructure  
and service  
industry



Renewable  
energy



## R&D teams

Firmware and software

PCB's hardware

Layout and cooling

Models and regulation

Magnetics and power components

Connectivity

Customization

Product Engineering

Whether you are a private company needing to protect your own data reliably and cost-effectively, starting up as a service provider, needing to invest in a resizable system or a large server farm, needing to shrink your energy demand we can help you meet your target via a full range of both monolithic and modular continuity systems, from 450 VA to 12.8 MVA.



We offer a complete line of customized products to meet exactly your need for secure power supply and critical load protection.

#### AC power supply systems

- UPS
- Inverters
- Static switches
- Voltage regulators
- LV distribution panels
- Frequency converters

#### DC power supply systems

- Rectifiers
- Battery chargers
- DC/DC converters
- Distribution panels

#### Renewable energy systems

- Inverters
- Field switchboards
- Power Control boxes
- Supervision systems

#### Batteries

- lead acid
- nickel cadmium

Monitoring and telecontrol for local and remote service

High quality engineered tailor made systems can protect your investment. Borri's engineered solutions can continuously supply and protect your industrial systems against a full range of power problems, even in hazardous locations.



## Certifications

Certified ISO 9001 since 1993, in 2011 we obtained ISO 14001 and OHSAS 18001, proof of our ongoing commitment to improving health and safety in the work place combined with respect for the environment.



ISO 14001:2004



BS OHSAS 18001:2007



ISO 9001:2008

## Main applicable standards

ISO 9001:2008, ISO 14001:2004, BS OHSAS 18001:2007  
IEC EN 62040-1, IEC EN 62040-2 (UPS safety and EMC, CE marking, recently harmonized with UL1778)  
IEC EN 62040-3 (UPS test & performance)  
IEC 60146 (semiconductor converters)  
IEC 60439 (low voltage switchboards)  
IEC 60076 (power transformers)  
IEC 60529 (protection degree)

## 3rd party inspection authority

ABS, Lloyd Register, Sgs, Bureau Veritas, KEMA, DNV, Rina Intertek Moody, Germanische Lloyd.



## A list featuring some of our most recent installations

### Process, infrastructure and service industry

CERN, Switzerland  
Times of India, India  
Pain d'Or, Congo  
TDK-Fujitsu, Philippines  
Papworth Hospital, UK  
ZF Lemforder, UK  
Gems TV, UK  
Croatian Railways, Croatia

### Information Communication Technology

Oxford University, UK  
Blue Chip, UK  
Diesel, Italy  
Eni, Italy  
SIA, Italy  
Gibtelecom, UK  
US Army Corps of Engineers, Kuwait  
Everest Data Centres, UK

### Renewable energy

Enel Green Power, Italy  
Enerray, Romania  
Graziella Green Power, Italy  
Denso, Italy

### Oil & gas, petrochemical, power generation and utilities

ADGAS, UAE  
Suez Tractebel, Oman  
Enel, Italy  
SABIC, Saudi Arabia  
Agip KCO, Kazakhstan  
SEC, Saudi Arabia  
Cairn Energy, India  
KPO, Kazakhstan  
Terna, Italy  
Sonatrach, Algeria  
ONGC, India  
Exxon Mobil, Singapore  
Turkmengas, Turkmenistan  
ADCO, UAE  
PEMEX, Mexico  
PDO, Oman  
MEW, Kuwait

