



## Case study Riello UPS

Power and productivity  
for a better world™



# Case study

## Riello UPS Reliable uninterruptible power supplies

Can we enhance  
power availability?

Absolutely.



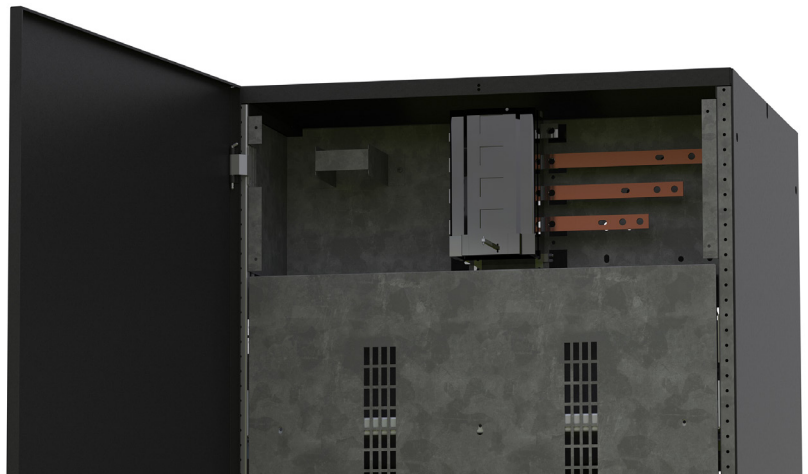
### The customer

Founded in 1986, Riello Elettronica is a group of industrial companies that has become one of the four largest manufacturers of uninterruptible power supplies (UPSs) in the world, thanks to its brand Riello UPS, with a range of devices able to satisfy the energy requirements of small IT setups, rail transportation, airports, medical equipment, emergency lighting systems, oil and gas installations, and industrial applications all the way up to large data centers. The company is the number three UPS manufacturer in Europe and is known for its flexibility, fast response to changing market conditions and readiness to invest in innovation in order to provide quality to the customer with the product that best suits its needs.

### The challenge

For many industries, the consequences of electrical power loss can be disastrous: Production lines may have to go through a complex and costly restart; expensive product may be ruined; valuable production time can be lost; process equipment can be damaged; and safety issues may arise. In a data center, the consequences of a power loss can be equally catastrophic: the customer loses access to crucial business data and the financial losses incurred can run into many millions of dollars, to say nothing of reputation damage.

Therefore, for a UPS, availability is everything. When it is needed, it has to be there, ready to go. Moreover, it has to switch in and take over the load as fast as possible so that the customer's operational continuity is assured. These reliability and availability demands require that UPS systems use only the very best components.





**Riello UPS Master Series**

## The ABB solution

After a critical market analysis of the possible candidates, Riello UPS chose ABB OT switch disconnectors and OS switch fuses for use in their static convertors and UPSs. The excellent DC characteristics of these products give the best performance available in terms of very short trip times and very fast fuse action.

ABB switch disconnectors and switch fuses are designed specifically with high-reliability requirements in mind. To ensure zero defects in shipped product, ABB carries out rigorous testing in the factory. This emphasis on reliability is the core feature of the ABB products that make them the first choice for Riello UPSs that will see action in some of the most critical applications around.

Real estate is often limited at customer sites, so the small footprint of the switches has been well received by Riello UPS as it enables them to design compact UPS systems that can be fitted into even the tightest customer space.

The ABB switch fuse and switch disconnector – and a worldwide ABB presence that ensures delivery and service are local and prompt – have been warmly welcomed by Riello UPS. As Roberto Facci, Riello's Sales Director, comments, "when time is critical, it's a matter of life and death."

# Contact us

## **ABB Oy**

### **Protection and Connection**

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