

INNOVATIVE UPS SOLUTIONS FOR **BUSINESS CONTINUITY**

RIELLO ELETTRONICA

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Large-scale distribution, Retail, Hospitality, Catering, Logistics and transport.

In the large-scale distribution, retail, Ho.Re.Ca., logistics and transport sectors, the availability of a reliable power supply is critical to ensuring efficiency, safety and service quality.
Riello UPS solutions protect IT infrastructure, payment systems, data networks and operational applications from power cuts, micro-interruptions and power grid faults, ensuring business continuity and data protection.
Thanks to advanced monitoring and management tools, it is possible to constantly monitor infrastructure and intervene promptly when necessary.

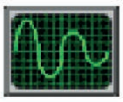






Power cuts don’t just happen to competitors

Modern commercial and logistics operations are increasingly dependent on digital systems and electronic devices.
However, the mains supply can be subject to voltage fluctuations (Fig. 1), waveform distortions (Fig. 2), interruptions (Fig. 3) and frequency variations (Fig. 4), which can compromise operations and productivity.


Fig. 1

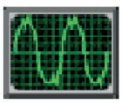
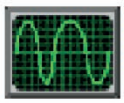

Fig. 2


Fig. 3


Fig. 4

A power cut can cause:
- loss of data and transactions;
- IT system shutdowns;
- operational delays;
- damage to electronic equipment;
- disruption to customers and users.

An **uninterruptible power supply (UPS) provides the power required to maintain critical devices running or to carry out save and shutdown procedures correctly, thereby protecting information, hardware and service continuity.**
Imagine a till, a POS terminal or a data network going offline during peak hours: the risk extends beyond simply business disruption to include the customer experience, the shop’s reputation and turnover.





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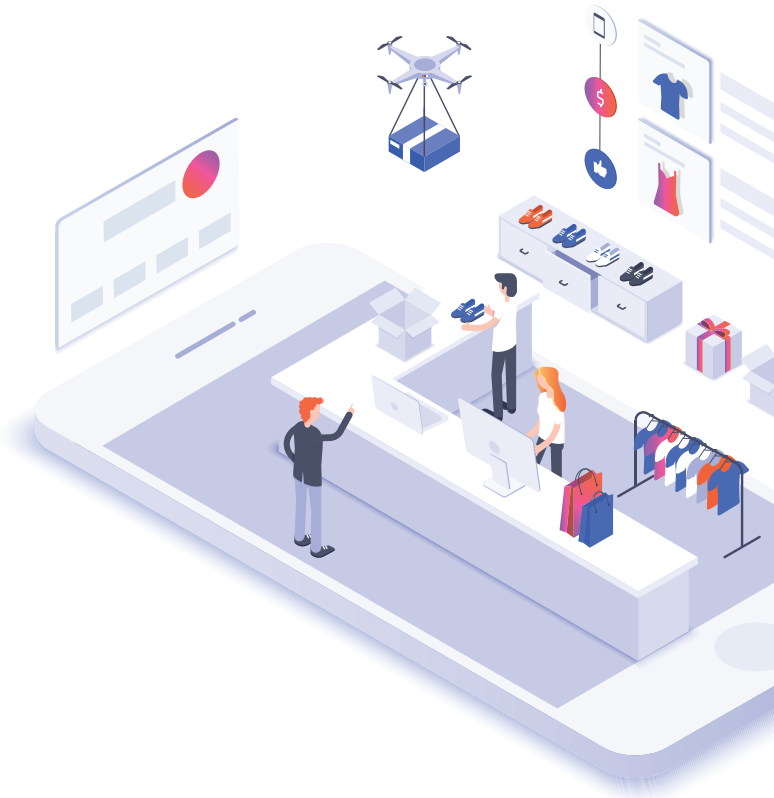
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Business continuity for consistently efficient processes

Every day, businesses, retail outlets, hospitality establishments and logistics operators handle large volumes of data, documents and transactions.

Riello UPS solutions help to ensure:

- **business continuity**;
- **protection** of data and IT infrastructure;
- **reduction in costs** associated with downtime;
- **high reliability** of critical applications;
- specialised **technical support** across the region;
- **energy efficiency and sustainability.**







How to identify the most suitable solution

1

Identify the devices to be protected.
Servers, PCs, POS terminals, automation systems and other essential equipment.

2

Assess the criticality of workloads.
Identify the activities that cannot tolerate any downtime or data loss.

3

Calculate the required power.
Add up the total power consumption of the devices to be connected to the UPS, expressed in watts.

4

Determine the required runtime.
Determine the operating time required during a power cut to ensure business continuity or a controlled shutdown.





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Hardware protection

For critical loads between **350** and **400 W**

RETAIL & LARGE-SCALE DISTRIBUTION

- POS terminals and selfcheckout tills;
- Scanners and barcode readers;
- Smart scales;
- Self-service kiosks;
- Electronic payment systems.

HO.RE.CA.

- Kitchen monitors;
- Ordering terminals;
- Booking management;
- Service printers;
- Wi-Fi networks and digital infrastructure.

TRANSPORT & LOGISTICS

- Picking terminals;
- RFID readers;
- Inventory workstations;
- Machine vision systems;
- Automated goods sorting systems.





A comprehensive approach to business protection



OPERATIONAL BENEFITS

- **Protection** of business data and equipment.
- **Prevention** of the effects caused by power supply faults.
- Greater business **continuity**.
- **Advanced monitoring** and real-time diagnostics.
- With the **PowerShield³** software, you can centrally manage UPS units and automate procedures for system shutdown and controlled power-off.

PHYSICAL AND TECHNICAL SPECIFICATIONS

- **Compact design** and easy to install.
- **Quiet** operation for comfortable working environments.

Riello UPS Solutions

IPLUG (IPG)



- OFF-LINE (VFD) technology;
- Robust and compact design;
- Completely silent;
- Schuko power sockets;
- Auto Restart function;
- Low energy consumption;
- User-replaceable batteries;
- Maximum reliability in protecting PC workstations thanks to Powershield³ shutdown software.

1:1 600-800 VA

VFD TYPE
UPS **VFD**

Tower

IDIALOG (IDG)



- OFF-LINE (VFD) technology;
- Ergonomic and compact design;
- Completely silent;
- Auto Restart function;
- Low energy consumption;
- Maximum reliability in protecting PC workstations thanks to the Powershield³ shutdown software.

1:1 400-1600 VA

VFD TYPE
UPS **VFD**

Tower

NET POWER (NPW)



- Line Interactive (VI) technology;
- Pseudo-sine wave during battery operation;
- Automatic Voltage Regulation (AVR);
- Auto Restart function;
- Cold Start function;
- Automatic battery test;
- Maximum reliability in protecting PC workstations thanks to the Powershield[3] shutdown software.

1:1 600-2000 VA

VI TYPE
LINE **INTERACTIVE**

Tower

VISION (VST)

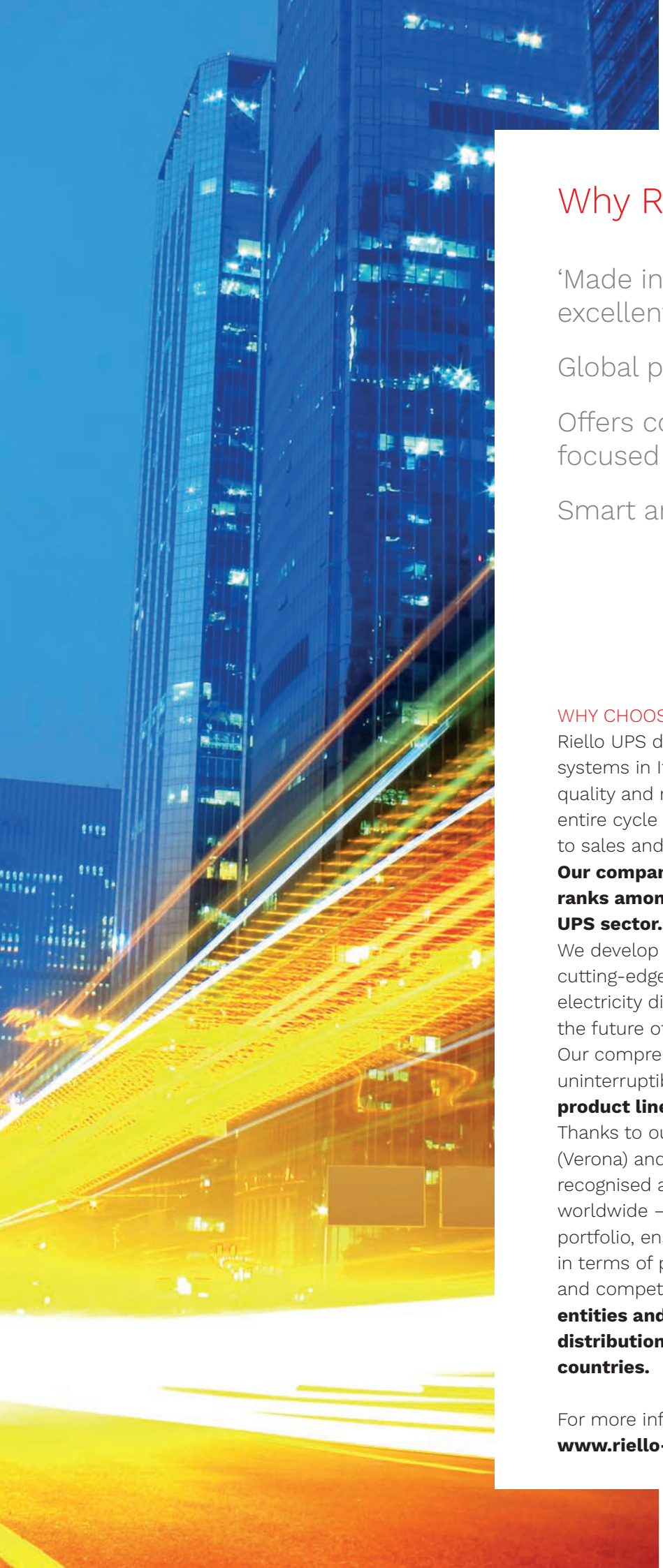


- Line Interactive (VI) technology;
- Pure sine wave during battery operation;
- Automatic voltage regulation (AVR);
- Auto Restart function;
- Cold Start function;
- LCD display;
- Automatic battery test;
- Hot-swappable batteries;
- Network connectivity (optional card);
- Maximum reliability in protecting PC workstations thanks to the Powershield[3] shutdown software.

1:1 800-2000 VA

VI TYPE
LINE **INTERACTIVE**

Tower



Why Riello UPS?

‘Made in Italy’ technology for excellent results

Global player

Offers comprehensive, customer-focused services

Smart and sustainable energy

WHY CHOOSE RIELLO UPS?

Riello UPS designs and manufactures its UPS systems in Italy, ensuring direct control over quality and reliability by closely monitoring the entire cycle from design and production through to sales and after-sales support.

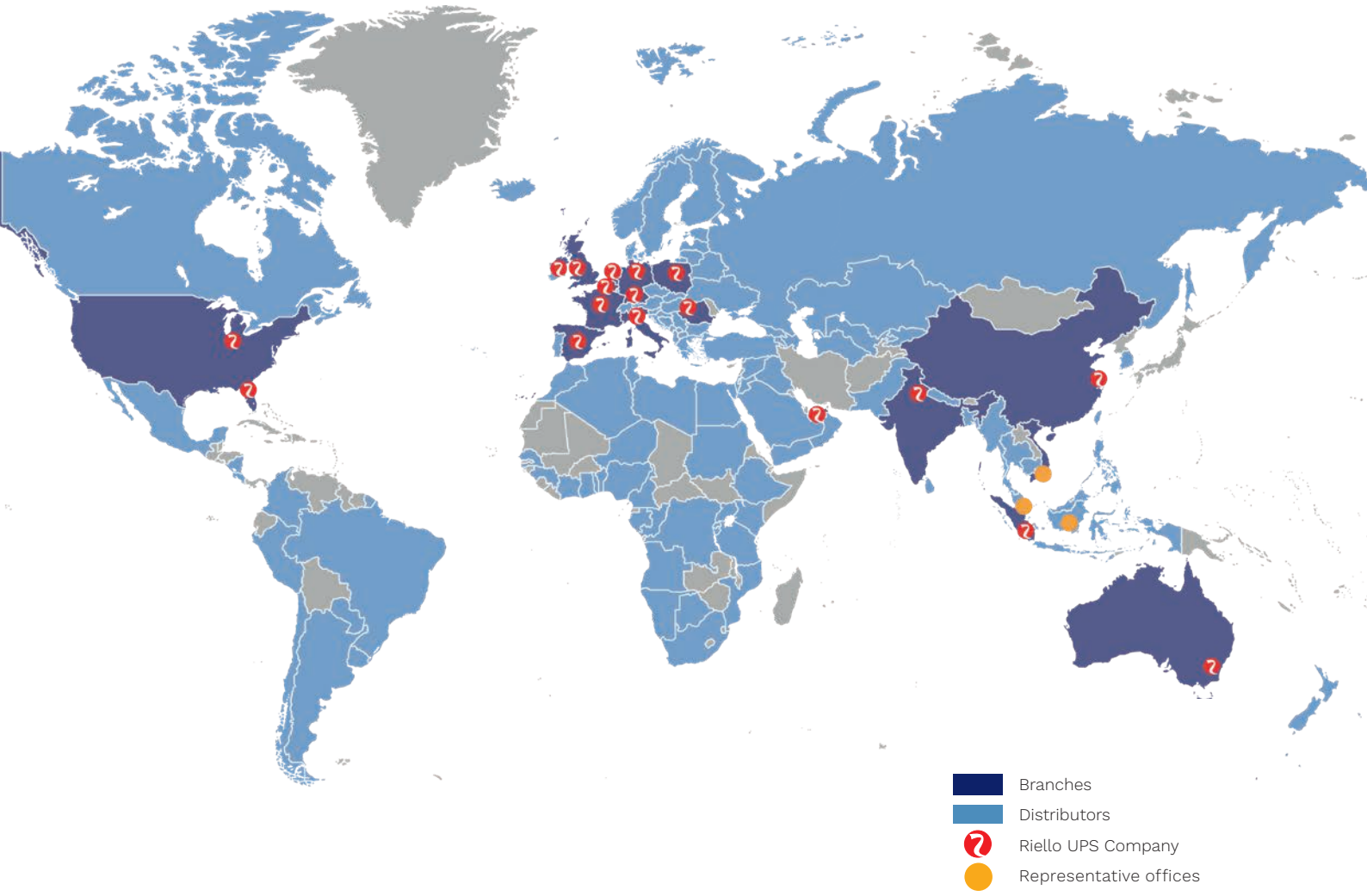
Our company is a market leader in Italy and ranks among the world’s top players in the UPS sector.

We develop solutions featuring innovative, cutting-edge technologies, ready for smart electricity distribution networks, which represent the future of energy.

Our comprehensive, award-winning range of uninterruptible power supplies includes **24 product lines suited to every situation.**

Thanks to our two research centres in Legnago (Verona) and Cormano (Milan) – which are recognised as centres of excellence in Italy and worldwide – we continually innovate our product portfolio, ensuring it remains at the forefront in terms of performance, energy efficiency and competitiveness. **Riello UPS has 17 legal entities and subsidiaries worldwide, as well as distribution and service networks in over 90 countries.**

For more information:
www.riello-ups.com


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