

## Riello UPS expands the NextEnergy range with new 800 kVA model

*Exceptional performance, optimized energy savings and the highest levels of power protection  
for large mission critical applications up to 6.4 MVA*

**Legnago, 26<sup>th</sup> October 2021.** Riello UPS, a brand of the Riello Elettronica group, a global player among the top five companies in the world in the production of uninterruptible power supplies (UPS), announces the release of the new 800 kVA model in its NextEnergy (NXE) range. Once again, the Italian company expands the NextEnergy series to power increasingly large critical loads such as big Data Center infrastructures, Colocation, (Hyperscale, Colocation), healthcare, transport, telecommunications, industries, banks, financial and insurance centers, or any other massive business-critical facilities.

Every day the amount of digital data that is processed and stored (e.g. banking online, insurances services, Social Media, remote communication, online gaming, trading, 5G, streaming network, etc), is increasing considerably and the implementation of new digital services seems to grow exponentially. Data Centers must therefore be scalable, resilient, and able to adapt to these changing demands. The new 800 kVA includes all the proven features of the existing NextEnergy range and is offered in configuration with 2 or 4 switches to better respond to the specific site arrangements.

The new 800 kVA model, like the other models available in the 250-300-400-500-600 kVA range, offers numerous advantages and is perfect for protecting the power supply of any type of Data Center.

The entire NextEnergy range is designed using state-of-the-art components and the latest technologies in the construction of online double conversion transformer-free UPS, ensuring maximum efficiency, power supply reliability and continuity of service delivery (Business Continuity), indispensable factors for any manager of critical applications.

With "best in class" performance, such as unity power factor, load power capacity up to 40 °C without any power derating, extraordinary efficiency up to 97% in double conversion mode (ON LINE), and up to 99% in ECO, ACTIVE ECO or SMART ACTIVE operating modes, NextEnergy guarantees energy efficiency in all circumstances, reducing the operating costs, providing clean and safe energy with a low total cost of ownership (TCO).

The reduced UPS footprint, the ease of connection from top to bottom, and full front-end accessibility for all maintenance activities ensure optimal space utilization and allows for wall-mounted or back-to-back installation.

These features are essential for all those applications with space limitations, but also for companies that are interested in quickly updating their systems in order to be able to support the growth of the protected load.

NextEnergy can work with or without a neutral line, meaning it is suitable for use in systems that do not require a neutral line, as is the case with many modern Data Centers.



Compatible with lithium batteries, NextEnergy offers an advanced communication interface and control system: simplified and specific supervision and connectivity for IT Facility Managers and service technicians thanks to the 7" LCD touch screen display, communication slots, relay cards, and connectors. The system can be easily integrated into any Data Center infrastructure building management system (DCIM - Data Center Infrastructure Management).

NextEnergy can be installed in systems with limited input power, such as diesel generators or other energy sources subject to contractual restrictions and delivering the additional power required by the batteries (Peak Shaving).

#### **Information about Riello UPS**

Riello UPS is the brand of uninterruptible power supplies for Data Centres, offices, electromedical applications, security and emergency equipment, industrial complexes, and communication systems, designed and produced by RPS S.p.A., a company based in Italy and part of the Riello Elettronica Group. With the Riello UPS brand, RPS S.p.A. is the industry leader in Italy and firmly placed among the top five companies in the world in technological research, production, sales, and assistance. The pursuit of quality, the optimization of resources and a strong drive towards technological innovation, together with seriousness, consistency, and experience, make RPS S.p.A. a company able to meet the needs of a fast-growing market. RPS S.p.A. has two production sites in Italy, 16 subsidiaries placed between Europe, the United States, the United Arab Emirates, China, India, Singapore, Vietnam and Australia, and a presence in over 85 countries worldwide, that offers a very high level of customer service.

For additional information about the company and its products visit [www.riello-ups.com](http://www.riello-ups.com)

#### **Information about Riello Elettronica**

Established and successfully led by Pierantonio Riello in 1986, Riello Elettronica is the holding company of a group of businesses operating in sectors with high technological expertise. Energy represents the core business of the group (design, production, sale, and assistance of UPS and photovoltaic inverters) with the brands Riello UPS and Riello Solartech. This is complemented with work in the Automation and Security areas with the AVS and Cardin brands. The group has seven production sites, 30 subsidiaries in Europe, United States, United Arab Emirates, China, India, Singapore, Vietnam and Australia, and a presence in over 85 countries worldwide that offers a very high level of customer service.

For additional information about the group visit [www.riello-elettronica.com](http://www.riello-elettronica.com)

#### **Contacts**

##### **Riello UPS Press Office (Italy)**

RGR Comunicazione e Marketing  
Tel. +39 329 2118296  
Tel. +39 366 6898088  
E-mail: [rgr@rgr.it](mailto:rgr@rgr.it)

##### **Riello UPS Headquarter (Italy)**

RPS SpA  
Luca Ghidini  
Marketing Communication Manager  
E-mail: [l.ghidini@riello-ups.com](mailto:l.ghidini@riello-ups.com)  
E-mail: [marketing@riello-ups.com](mailto:marketing@riello-ups.com)