

## Riello UPS Multi Power2 MP2 300 and MP2 600: Efficiency, Scalability, and Sustainability

*Two new units offering scalable and highly efficient solutions for medium and large Data Centers*

**Legnago, February 19, 2025.** Riello UPS, a brand of the Riello Elettronica group and a global leader in the production of uninterruptible power supplies (UPS), photovoltaic inverters, and energy storage systems, announces the expansion of its Multi Power2 range with the new MP2 300 and MP2 600 models to complement the existing MP2 500. These new units provide up to 300 kW and 600 kW per cabinet, respectively, with the possibility of scaling up to 2400 kW through parallel systems.

This product expansion further enhances the benefits of Riello UPS's modular solution, which is designed to meet the growing demands of the IT sector. Multi Power2 combines proven reliability with advanced integration and scalability, delivering market-leading efficiency of up to 98.1% in ONLINE double conversion mode. It is the ideal choice to support a sustainable decarbonization strategy, reducing CO2 emissions while maintaining the required performance levels for high-density computing environments, such as medium and large Data Centers and other critical applications where power continuity is essential.

The new 67 kW power modules, named "BLUE," leverage advanced silicon carbide (SiC) technology, significantly reducing energy losses and heat generation. This results in lower cooling requirements, reduced total costs, and decreased environmental emissions. For example, an MP2 600 equipped with "BLUE" modules can save up to 22 tons of CO2 emissions and €14,000 annually compared to a conventional 600 kW UPS system.

### A Modular and Flexible Solution

Multi Power2 offers a highly flexible modular power solution that ensures business continuity under any operating condition. Both the individual power modules and the overall UPS system architecture are built on Riello UPS's innovative Smart Modular Architecture (SMA). This approach emphasizes deep interconnection between all UPS components and a distributed control strategy to eliminate the "single-point-of-failure" risk.

The modular design allows easy scalability, enabling businesses to adopt a "pay-as-you-grow" approach, adapting to increasing power requirements while optimizing initial investments and Total Cost of Ownership (TCO).

Multi Power2 is available in three configurations:

- MP2 300: Up to 5 modules / 300 kW
- MP2 500: Up to 8 modules / 500 kW
- MP2 600: Up to 9 modules / 600 kW, available with or without switches and with front-to-back or front-to-top ventilation options.

The modules support hot-swap functionality, allowing the addition or replacement of modules without switching the load to bypass. In addition, mechanical segregation in the modular structure and automatic disconnection systems significantly enhance overall system reliability by containing potential faults too.

The centralized, removable static bypass is rated for the maximum power supported by a single cabinet, ensuring the unit can withstand high short-circuit values.

Multi Power2 is extremely user-friendly, featuring a 10-inch color touchscreen display system showing module-specific operational data and status. An integrated "status LED" provides clear, immediate updates on the UPS's current state.

Additionally, Riello UPS technology includes continuous monitoring and predictive maintenance based on operational conditions.

“With the expansion of the Multi Power2 range, we are addressing the Data Center industry’s growing focus on energy-saving practices for a more sustainable future. By combining efficiency, flexibility, and a reduced carbon footprint in our UPS systems, we deliver these results without compromising power continuity and performance,” said Roberto Facci, Sales Director of Riello UPS.

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

Riello UPS is the brand of uninterruptible power supplies for Data Centres, electromedical applications, security and emergency equipment, industrial processes, and communication systems, designed and produced by RPS S.p.A., a company based in Italy and part of the Riello Elettronica Group. 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, 14 subsidiaries placed between Europe, the United States, the United Arab Emirates, China, India, Singapore, and Australia, and a presence in over 90 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**

Operating for more than 35 years, Riello Elettronica is the head of a group of companies that operate in sectors such as Electronics, Energy, Automation, and Security. Founded and directed by Cav. Lav. Pierantonio Riello, it focuses on energy conversion for civil and industrial applications. With the Riello UPS brand, it is a leader in the production of Uninterruptible Power Supplies, intelligent electronic equipment that operates as an energy reserve in the event of a grid blackout. Today the Group employs more than 1250 employees all over the world, and with a turnover of more than 400 million euros is the global expression of “Made in Italy”.

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

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