

Multi Power2 M2X: hyper-flexible modularity for small data centre continuity

Maximum flexibility, scalability and efficiency up to 98.2%

Legnago, 28 January 2026 — Riello UPS, a brand of the Riello Elettronica Group and an international benchmark in the design and manufacture of uninterruptible power supplies (UPS), presents Multi Power2 M2X, the new generation of modular ON LINE Double Conversion UPS designed to meet the continuity, flexibility and efficiency requirements of small data centres and critical applications.

Multi Power2 M2X guarantees maximum power availability thanks to redundant configurations, double conversion efficiency of up to 98.2% and, last but not least, scalability from 15 to 120 kW in a single cabinet, which allows the UPS to be sized according to current infrastructure requirements, with the possibility of expanding it according to future needs.

Multi Power2 M2X is based on hot-swappable Power Modules (PM) in 2U format, available in two power ratings:

15 kW with IGBT or Silicon Carbide (called BLUE) technology

30 kW with Silicon Carbide (BLUE) technology.

Each module integrates distributed intelligence and communicates with other system components via high-speed redundant buses.

Two cabinets are available, both with power ratings of up to 120 kW but with distinct features that guarantee extraordinary application flexibility – All Around flexibility:

M2X 120 PCS (Power Cabinet with Switch) can accommodate up to 5 Power Modules in a single cabinet and integrates four switches for rectifier input, bypass input, manual bypass and output. The cable entry is from the bottom and all connections and switches are fully accessible from the front, simplifying installation and maintenance operations.

This solution allows for high power density in an extremely compact space, with a footprint of only 0.56 m².



M2X 120 CBC 6 (Combo Cabinet with integrated batteries) combines up to 5 Power Modules, 6 battery strings, battery switches and manual bypass switches in a single cabinet. The cable entry is from both the top and bottom.

This solution offers extended backup times with a footprint of only 0.59 m², maintaining a power density per square metre similar to the PCS version, with the advantage of integrated autonomy. An upward ventilation kit is also available for this cabinet.

Both cabinets support combinations of up to 4+1 30 kW BLUE Power Modules or up to 5 15 kW Power Modules, in standard or BLUE versions.

The following configurations are possible: from 15 to 75 kW or from 15 to 60 kW with N+1 redundancy using 15 kW Power Modules, and from 30 to 120 kW with N+1 redundancy using 30 kW Power Modules.

The cabinets are also capable of operating in parallel with up to six units, allowing the total power of the system to be extended to 720 kW.

Advanced control and sophisticated connectivity

Multi Power2 M2X is equipped with a 10" colour touchscreen display with an intuitive interface that allows easy menu navigation and immediate access to operating information. Monitoring and diagnostic functions also include an oscilloscope function, which allows the waveforms of the main electrical quantities to be viewed directly on the display.

The system is completed by a multi-colour status LED, which allows the status of the UPS to be checked at a glance, and by the System Monitoring Unit (SMU), which provides advanced communication thanks to the integrated NetMan 208 card and two slots for additional communication cards. The SMU also supports advanced functions such as automatic updating and alignment of the firmware of the modules installed in the system.

Accessories for every application context

The Multi Power2 M2X range can be complemented with numerous accessories, including: parallel kit, Cold Start kit, upward ventilation for the M2X 120 CBC version, air filter, battery temperature sensor and ICC-ES AC156 certified anti-seismic kit. Coating of electronic boards (tropicalisation) is also available, ideal for installations in critical environments characterised by dust or harsh operating conditions.

«With Multi Power2 M2X and its inherent flexibility, we have responded to one of the main needs of those who manage small data centres and critical applications: being able to size the UPS according to actual operational requirements, avoiding oversizing and specific customisations for the application.» — said Luca Fasoli, Product Manager at Riello UPS. *«Modular architecture combined with the extremely high efficiency guaranteed by our BLUE technology allows for a significant reduction in the Total Cost of Ownership of the system.»*

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



Press info

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, 15 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

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 1300 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

Contacts

Riello UPS Press Office (Italy)

RGR Comunicazione e Marketing

Tel. +39 329 2118296

Tel. +39 366 6898088

E-mail: rgr@rgr.it

Riello UPS Headquarter (Italy)

RPS SpA

Marketing and Communication Department

E-mail: marketing@riello-ups.com

E-mail: rgr@rgr.it