

Riello UPS Sentryum Rack, the modular UPS for industrial environments

The new range of uninterruptible power supplies that ensure maximum flexibility, high standards of efficiency and optimal performance.

Legnago, 3rd November 2021. Riello UPS, a brand of the Riello Elettronica group, a world player in the production of static uninterruptible power supplies, photovoltaic inverters and Energy Storage systems, presents Sentryum Rack, the new range of modular UPS developed to guarantee the protection and continuity of power supplies for all applications considered critical due to particularly harsh environmental conditions (dust, humidity, suspended chemical particles, etc.) or industrial processes.

The Sentryum Rack series is available in both a 20 kVA / kW standalone version and a modular version ranging from 20 to 160 kVA / kW, both of which can be in single-phase and three-phase output configurations. The Riello UPS Sentryum Rack guarantees maximum system flexibility thanks to its high adaptability to any power supply network and plug & play installation that does not require any special settings or interventions by the operator.

The individual modules, which can be either single-phase SRM (Sentryum Rack Single-Phase) or three-phase SRT (Sentryum Rack Three-Phase), are compatible with the normal standard 19-inch cabinets in networking and industrial environments; while the Sentryum Rack cabinet models (equipped with switch panels) up to 60 kVA / kW can be installed with 3 modules of 20 kVA / kW, with the possibility of reaching a total of 160 kVA / kW with several cabinets installed in parallel. The possibility of creating parallel systems up to 160 kVA / kW is however guaranteed even with standard 19-inch cabinets.

"Our research and development department used state-of-the-art technologies and components for the design and construction of the new Sentryum Rack range. This allowed us to develop an improved product compared to the previous generation both in terms of energy efficiency and overall performance," commented Luigi Ferrari, Technical Marketing and Product Manager of Riello UPS.

The power connections are managed by sturdy Harting cables and plug & play connectors specifically designed to operate in harsh industrial environments, which ensure simplicity and safety when inserting and removing them. The connection terminals of the modules are arranged in such a way that the connections of the communication signals are isolated and separated from the power ones (input, output, bypass line, battery) thus ensuring complete immunity from disturbances generated by the power supply network. This particular feature makes them suitable for industrial environments where it is common for the network to be disturbed.

Sentryum Rack also guarantees great flexibility and simplicity during both the maintenance or replacement phases of a module, and when an additional UPS module is added to the system to increase the available power or redundancy.



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

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

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