

## Riello UPS Sentryum uninterruptible power supplies: greater power availability with new 30 and 40 kVA/kW models.

*The new models are available in two cabinet configurations, Active and Xtend. Transformer-free ON LINE double conversion technology ensure unity power factor for maximum energy saving.*

**Legnago, 23 February 2021.** Riello UPS, a brand of the Riello Elettronica group, a world player among the top five companies in the world in the production of uninterruptible power supplies (UPS), builds on the success achieved by the launch of the Sentryum (S3T) range with the release of two new models of 30 kVA and 40 kVA.

When you need to protect the power supply of critical systems, it is essential to rely on products specifically designed for this purpose: the Sentryum range offers availability and flexibility of solutions, guarantees optimized energy savings and allows you to protect all critical loads without any impact on the power line. Sentryum by Riello UPS is the ideal and versatile solution for smaller and medium-sized Data Centers, as well as mission-critical in the IT, commercial, industrial, telecommunications, transportation and medical areas.



### **Sentryum 30-40 kVA/kW: choice of 2 different cabinet solutions.**

**Active**, extremely compact (< 0.35 m<sup>2</sup> and only 0.33 m<sup>3</sup>) and exceptionally powerful, it supplies up to 40 kVA with @pf 1 and gives the possibility to manage two strings of batteries for different levels of autonomy.

**Xtend**, this cabinet configuration also has an extremely small footprint (< 0.4 m<sup>2</sup> and < 0.5 m<sup>3</sup>) and allows you to manage 2 or 3 strings of batteries inside for long autonomy. It also allows you to install an isolation transformer or to easily change the degree of protection.

### **Main features of the range**

- overall efficiency that reaches 96.6% in ON LINE mode thanks to the three-level IGBT inverter and innovative digital control
- full power (kVA = kW) up to an ambient temperature of 40 °C
- possibility of parallel distributed configuration up to 8 units per redundant system (N + 1) or in parallel power
- unity output power factor
- more active power than a traditional UPS which guarantees flexibility and margin in sizing the UPS for potential future load increases
- intelligent management of fan speed and cooling flow in accordance with ambient temperature and load level
- choice of operating modes: ON LINE, ECO, SMART ACTIVE, STANDBY OFF and frequency converter
- Cold Start to switch on the UPS even in the absence of mains power
- compatibility with alternative backup energy sources (eg lithium-ion batteries, supercapacitors)
- high power battery charger to optimize charging times in the event of prolonged autonomy
- double mains power input

For more information on the range of Sentryum uninterruptible power supplies and Riello UPS's portfolio of power protection solutions, visit [www.riello-ups.com](http://www.riello-ups.com).

**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.

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