

Launch of new “Code of Conduct for the energy efficiency of UPS 2021-23”

Legnago, 24th June 2021. The new edition of the "Code of Conduct for the Energy Efficiency of Uninterruptible Power Groups 2021-23" (CoC) was recently agreed between the Joint Research Center (JRC), a body delegated by the European Commission, and the main European manufacturers represented by CEMEP. Like the previous one, the new version of the Code of Conduct establishes the minimum efficiency levels that participating UPS manufacturers operating within the EU undertake to comply with for any new models introduced in the three-year period 2021-23.



Riello UPS has been one of the main promoters of the “Code of Conduct” since the first edition and has actively participated in the discussions with the JRC that led to its renewal, as well as being one of the first signatories. Always sensitive to energy efficiency issues, Riello UPS was also part of the group that supported the study on the "environmental footprint" of UPS in 2018, and actively participates in several other initiatives concerning environmental sustainability.

The efficiency levels outlined in the new CoC have been significantly increased compared to the old version, demonstrating the progress made by the industry in recent years. At the same time, a new definition of energy efficiency was also adopted, closer to the real conditions of use and based on a weighted average of the values at 25%, 50% and 75% load. Therefore, the efficiency at full load, which is difficult to find in practice, is no longer considered; it is a more realistic definition, and at the same time more stringent than the previous one.

The other novelty is the introduction of two levels of efficiency: a basic level, and an "Elite" level that will distinguish the high energy efficiency UPS. This distinction is particularly important because it will also be used within the specific Code of Conduct for Data Centers: in fact, only UPS compliant with the new "UPS Elite requirements" must be installed in the construction of a new Data Center.

This requirement is also dictated by the commitment that Data Center operators have undertaken to achieve climate neutrality in 2030 by specifying high efficiency as one of the fundamental parameters to be guaranteed in the operation of infrastructures (more information at this link <https://www.climateneutraldatacentre.net/>).

“CEMEP considers the new Code of Conduct a very important result because it also fills a gap in the energy classification of UPS beyond the IEC standards, which by definition only provide the minimum acceptable levels. Clearly the final purpose is the reduction of energy consumption in Europe, and for this reason it is important to provide the end user with reference parameters, which will serve as a guide for their choices” commented Eng. Roberto Facci, Riello UPS Sales Director for international markets and current President of the CEMEP UPS Group.

Riello UPS is proud to note that according to the new classification, all current Riello UPS ranges, with the exception of a few models for specific applications, exceed the requirements of the highest level of energy efficiency identified as “Elite”. This is an important recognition and will be an incentive to continue investing in research and the introduction of increasingly efficient models.

"The new and stricter rules that the market will have to comply with, which go in the direction of efficiency, energy saving and sustainability, in fact reward our strategy which has always been at the forefront of technology in the design and construction of UPS. The "Elite" classification applicable to practically all our devices is yet another further confirmation of the quality of our solutions, appreciated all over the world and chosen by important Data Centers, as well as by large companies operating in the most varied industrial sectors, transport, healthcare, telecommunications, up to small and medium-sized enterprises and domestic environments." underlines Eng. Fabio Passuello, Chief Executive Officer of RPS S.p.A.

Information on the new code of conduct can be viewed on the European Commission website at this link:
<https://e3p.jrc.ec.europa.eu//communities/ict-code-conduct-ac-uninterruptible-power-systems>

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 CEMEP

CEMEP is the European Committee of manufacturers of electrical machines and power electronics, officially constituted in November 2013. The members of CEMEP are the twelve European associations representing the producers of LV / HV electric motors, Drives and UPS. CEMEP represents a sector with a market value of € 22.4 billion and 200,000 employees. By addressing issues such as technological innovation and energy efficiency, CEMEP regulates the parameters of the power electronics industry through the Code of Conduct, thus avoiding the presence and placing on the European market of products that do not comply with current regulations.

Information about Joint Research Centre (JRC)

The Joint Research Center (JRC) is one of the 53 Directorates-General of the European Commission, directly funded by the European Union and provides scientific and technical support for policy design, development, implementation and monitoring. By guaranteeing the independence of research activities from private interests or from individual national policies, the JRC plays a coordinating and research role in numerous community networks of national research bodies, universities, advanced industry of the member states of the European Union, and makes use of the skills of the best European scientists who promote and carry out complex studies and experiments on behalf of the European institutions and collaborate with non-European and global bodies and networks in the scientific and regulatory field.

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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