



## LABEL ELITE UPS EFFICIENCY COMMITMENT

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Since the beginning, manufacturers of UPS - Uninterruptible Power Supplies - have energy efficiency in mind when designing their solutions.

Results of decades of efforts can be seen in the worldwide energy consumption of data centers which increased only by 6% between 2010 & 2020 whereas global data center compute instances increased by 550% over the same time period.

### **BUT IT'S NOT ENOUGH!**

The JRC - Joint Research Center - of the European Commission has invited all UPS manufacturers to sign a Code of Conduct and engage them in mitigating energy losses and gas emissions caused by UPS and therefore maximize UPS efficiencies.

### **WE SIGN IT!**

Because there is an absolute need to protect critical applications & processes ensuring 24/7 continuous and quality supply.

Uninterruptible Power Supplies (or UPSs) are the safety net widely used by individuals or companies who want to protect their processes from grid failure: they provide immediate power supply until the grid, or any other source of power like a generator, can take over. UPS made their first appearance in the sixties in the industry sector and their use then expanded to telecom & IT worlds in the seventies, whether it's to protect a hospital, an airport, a small server or a data center.

Without UPS, most of the world as we know it today would not run.

Because we do it by improving energy efficiency and reducing greenhouse-gas emissions of the digital world.

The first priority of the UPS industry stakeholders operating in Europe is energy efficiency.

### **WE COMMIT OURSELVES!**

Specific to the UPS industry stakeholders operating in Europe, the UPS Code of Conduct sets out energy efficiency requirements. The latter are adjusted by criteria such as quality and availability of the delivered power and operating modes.

### **A LABEL TO KNOW THE SIGNATORIES**

The adoption of the Code of Conduct is voluntary and is a guarantee of a safer and more efficient UPS for the customer.

You will recognize the highest performing products made by companies active in Europe thanks to this label.

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**More information:** [contact@eliteups.eu](mailto:contact@eliteups.eu)

**Download** the code of conduct

**Discover** the UPS manufacturer signatories

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## Learn more about

**CEMEP UPS** is the Coordinating Committee for the Associations of Manufacturers of static Uninterruptible Power Supplies systems for industrial, commercial and similar use in the European Union. UPS manufacturers are driven by the same challenges: flexibility, hybridization of power sources, high availability and efficiency, sustainability of the products, connectivity, cybersecurity and standards compliance. They have been working for years with standardisation and European bodies like the Joint Research Center to improve and promote environmental aspects of UPS.

<https://cemep.eu/working-groups/uninterruptible-power-supplies-ups/>

### **Joint Research Center (JRC) of the European Commission**

Over the last 10 years, the JRC of the European Commission has implemented projects under the name of Code of Conduct.

Subscribed on a voluntary basis, they provide users with best practices helping them in improving energy efficiency and reducing greenhouse-gas emissions.

Since 2008, members of CEMEP UPS are engaged in a voluntary agreement with JRC covering uninterruptible power systems. The latest 2021 update introduced the Elite Class UPS level in order to better drive the market towards the best performing products.

<https://ec.europa.eu/jrc/en>

### **Beyond energy efficiency!**

Members of CEMEP UPS have added new priorities to their solutions beyond energy efficiency and durable: UPS must now be compatible with circular economy models and be able to support the grid.

**Members of CEMEP UPS are more than ever committed to making power smart, secure & sustainable.**