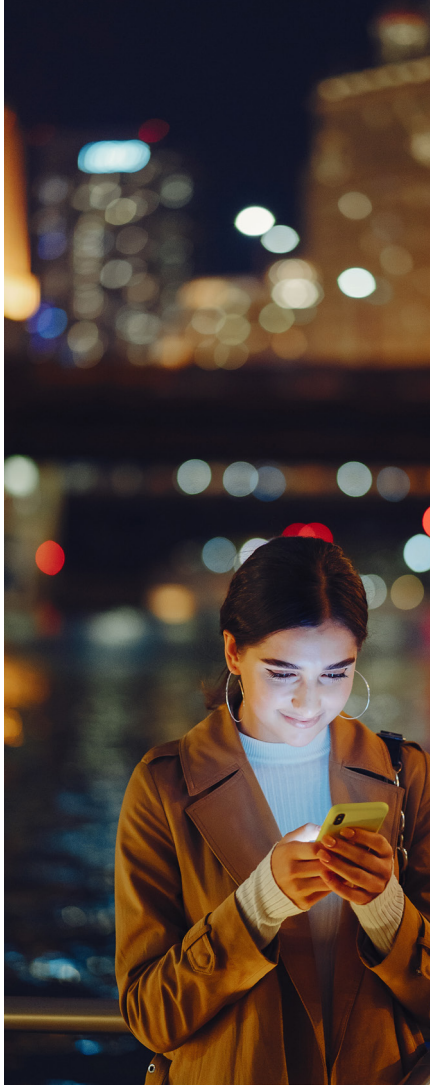
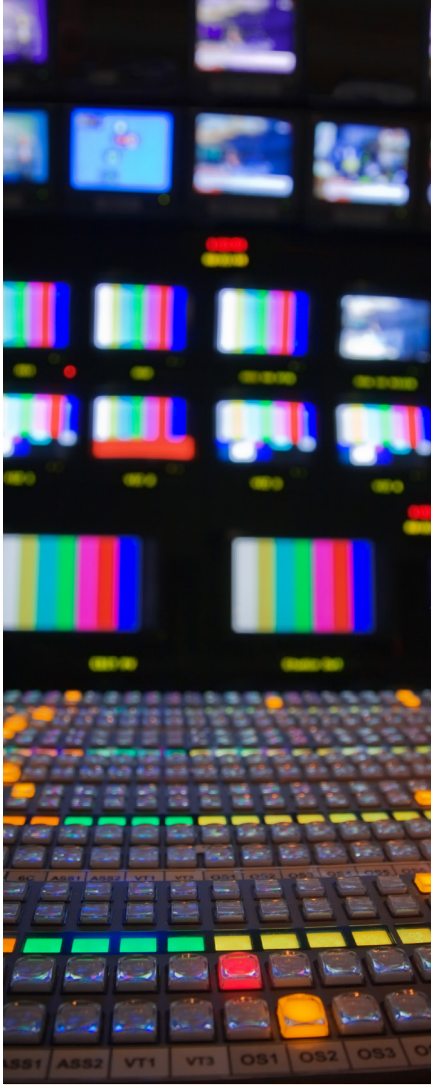
TELECOM

THE BEST TECHNOLOGY AND PROTECTION FOR A STRATEGIC AND INNOVATIVE SECTOR

In order for telecommunications companies to offer their services, they need a constant and reliable electricity supply. An interruption means the paralysis of communication services -calls, messaging, network access-, corruption or loss of data, damage to equipment and downtime, which affects not only users but also companies.

To prevent this from happening and affecting the competitiveness of our work and wellbeing in our daily lives, uninterruptible power supplies (UPS) have been developed, devices that Salicru started manufacturing for over half a century.





Few sectors, like that of telecommunications, better reflect the technological progress of recent years and its contribution to the development of the information society. Because to talk today about telecommunications is to talk about the technology related to television, radio, landline and mobile telephones, voice and data networks and the Internet. Certain basic services that, in the event of disruption, can have major consequences for the economy, security, health, transport, etc., not to mention the loss of confidential information stored in data centres.

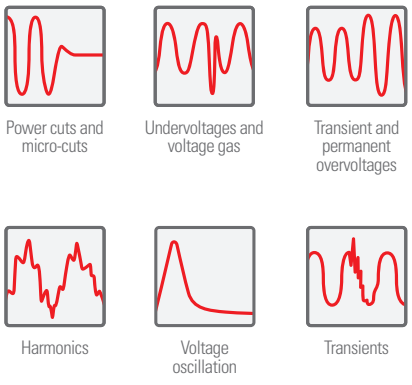
Therefore, due to their fundamental role in society, these critical infrastructures require very high levels of reliability in their numerous security protocols. And among those security protocols, UPSs play an essential role.

In addition to a permanent power supply, current telecommunication systems also need devices that store energy as an alternative, as is the case of DC/AC systems or battery chargers, which also meet the needs of a wide variety of critical loads that have to be correctly powered and protected.

Particularly suited to the telecommunications sector are rectifiers and inverters, which help to provide a high-quality AC power supply from a DC power source.

DISTURBANCES

Telecommunications and their infrastructures can be affected by a wide spectrum of electrical disturbances.



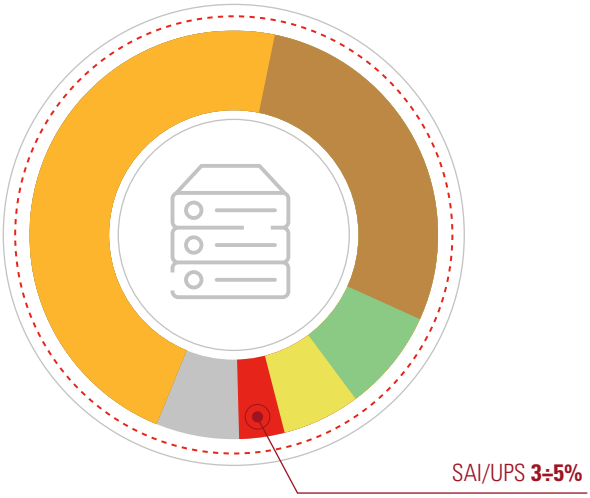
MODULAR TECHNOLOGY: THE LATEST EVOLUTION IN UPS

Salicru is firmly committed to modular UPS systems, devices that combine efficiency, flexibility, scalability, redundancy and reliability. These are devices that incorporate the most advanced technology, significantly improving the availability of energy and substantially increasing the security of classic power systems.

Modular technology offers an especially important advantage in data centre level and tier classification, enabling data centres to obtain high ratings (Tier III or Tier IV). And this is possible not only because of the strict specifications of the UPS used, but also because of the complete design of the DC environment, cooling system and electrical distribution to the critical loads.

- High reliability from manufacturing identical modules
- Redundancy and high availability
- Greater scalability
- Improved module performance
- Redundant static bypass
- Intelligent system management
- Drastic reduction of MTTR
- Adaptability to any kind of facility
- Optimisation of power converters
- Cycling to equalise the operation of all modules
- Improves total cost of ownership (TCO) and operational expenses (OPEX)

INVESTMENT IN DATA CENTER



REFERENCES

abertis · bouygues · CISCO · ERICSSON · indra · IKUSI velatia · Lucent Technologies · MOTOROLA · NOKIA · NORTEL NETWORKS · orange · altice · SIEMENS · Telefónica · vodafone

The installation of a UPS in a completely new data centre represents between 3 and 5% of total expenditure

DC POWER-S

DC energy systems

SPS ADVANCE R

Line-interactive sine-wave UPS 1U rack
750VA to 1,500VA

SPS ADVANCE RT2

Line-interactive sine-wave UPS
800VA to 3,000VA

SLC TWIN RT3

UPS On-line de conversão dupla torre/rack
de 1,000 VA a 10kVA com FP=1

SLC X-PERT

Uninterruptible power supplies
80 to 400kVA

SLC ADAPT2

On-line double-conversion modular rack UPS
10kVA to 1,500kVA

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