

# CIRTEM<sup>+</sup>

POWER OPTIMISED

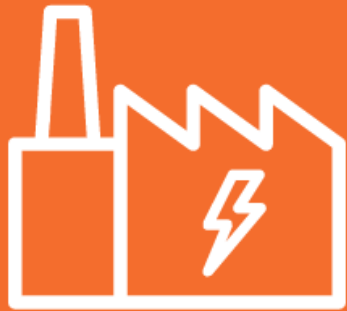


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Industry

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Décembre 2020

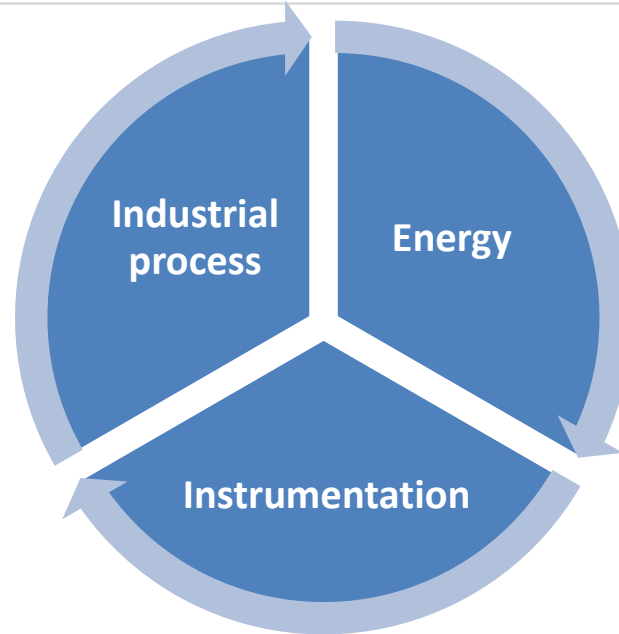


Industry

# Our products for industry



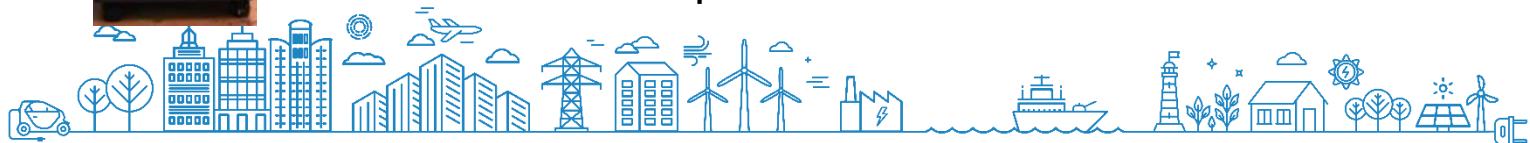
Power supplies for industrial processes  
From 10 to 1000 A



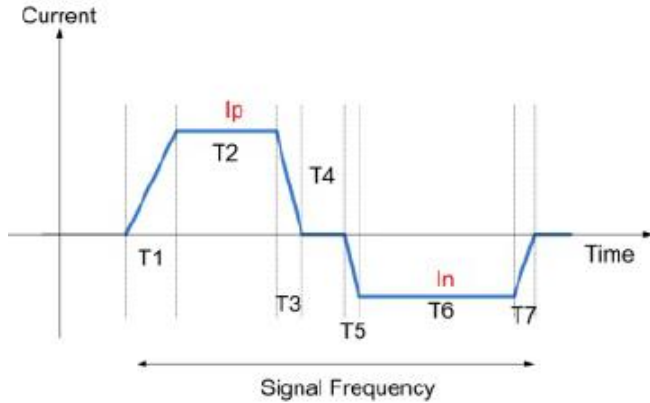
Battery discharger  
120 kW / 200 kW



Static switch  
up to 450 A

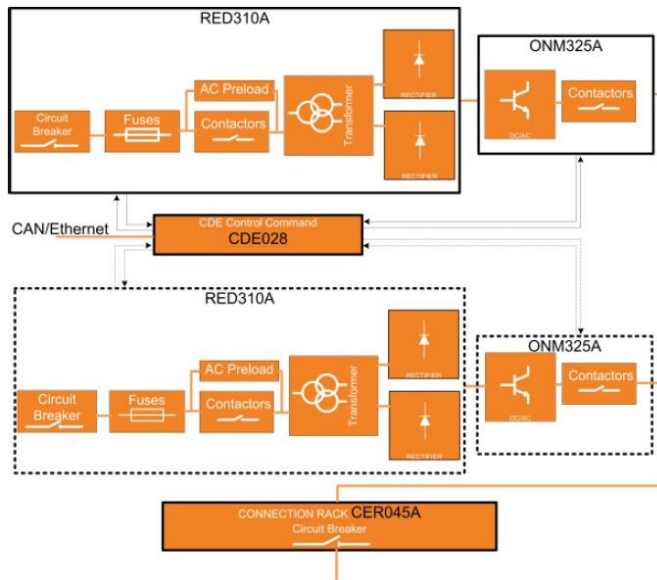


# Micro Arc Oxidation Alimentation



## 100 kW alimentation

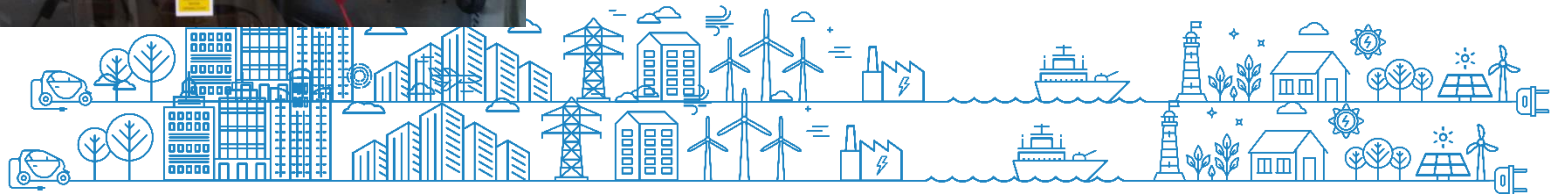
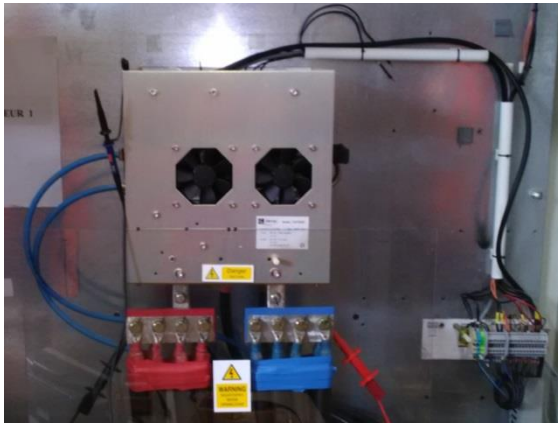
- Fully configurable current profile
- 250A / 1000Vmax / 100 to 400Hz
- Up to 4 units to reach 1000A / 400kW
- Rise time 1000A/ms max
- Liquid cooling
- Modular design for easy maintaining





## Power supply 140kW

- Power supply for resonant load, robust and reliable
- 367A max
- +500V / -500V
- 5,5kHz to 10kHz
- Liquid cooling



# Power supply for particle accelerator

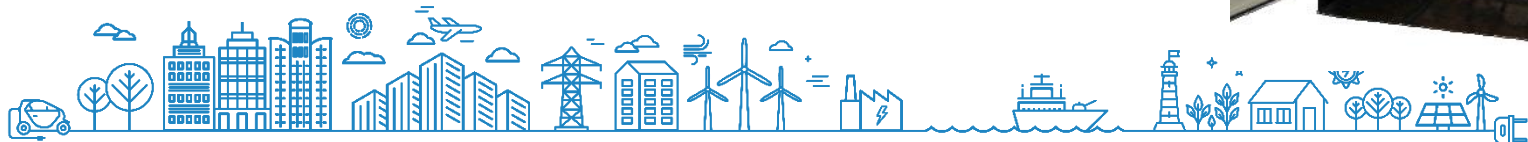
LHC superconducting magnets power supply

$\pm 10V / \pm 600A$  - rms ripple: 7mV - few ppm

444 power supplies produced in one year (2005)

Italian partner

Price contract : 6,5 M€





## Contact

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