

CIRTEM⁺
POWER OPTIMISED

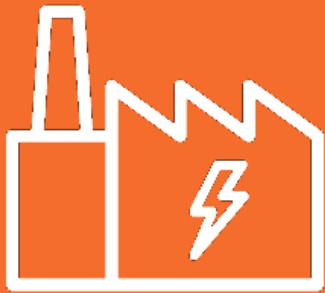
&



Industry

GCE and DLE | November 2018



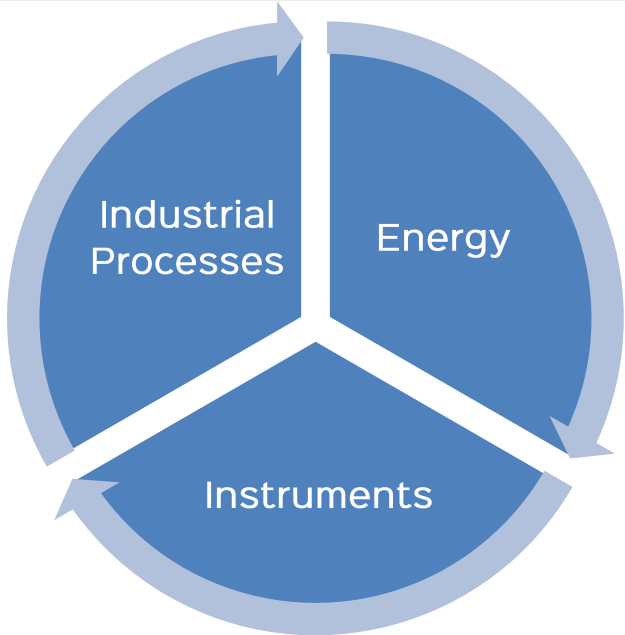


Industry

Products for the industry



Power supplies for industrial processes (10 to 1000 A)

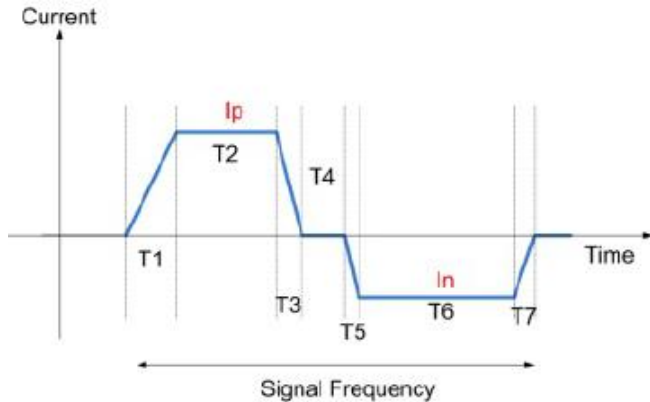


Battery discharger
120 kW / 200 kW



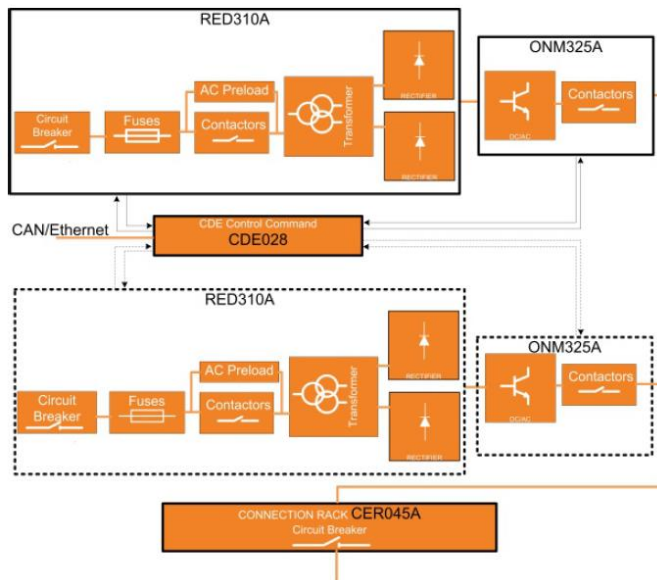
Static switch
up to 450 A





Power supply 100kW

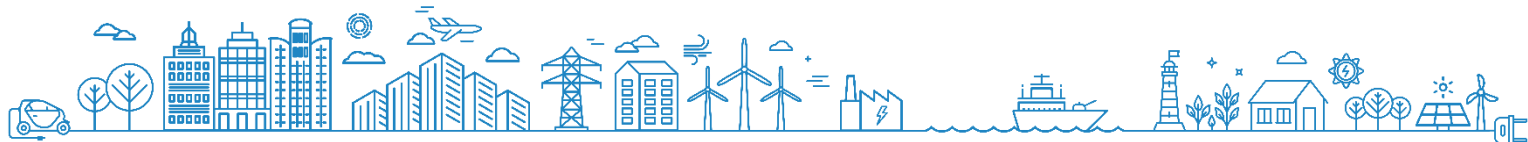
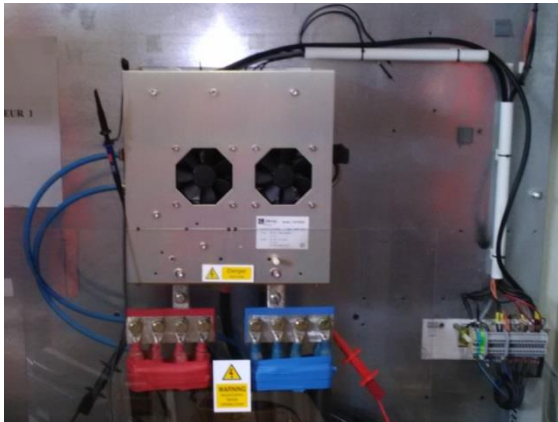
- Fully configurable current profile
- 250A / 1000Vmax / 100 to 400Hz
- Up to 4 units to reach 1000A / 400kW
- Rise time 1000A/ms max
- Liquid cooling
- Modular design for easy maintaining





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

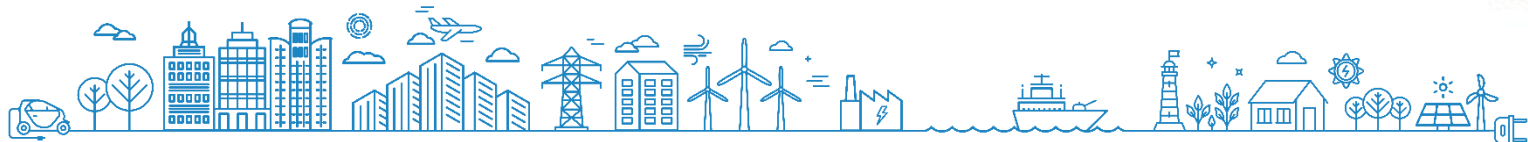
LHC superconducting magnets power supply

$\pm 10\text{V}/\pm 600\text{A}$ – rms ripple: 7mV – few ppm

444 power supplies produced in one year (2005)

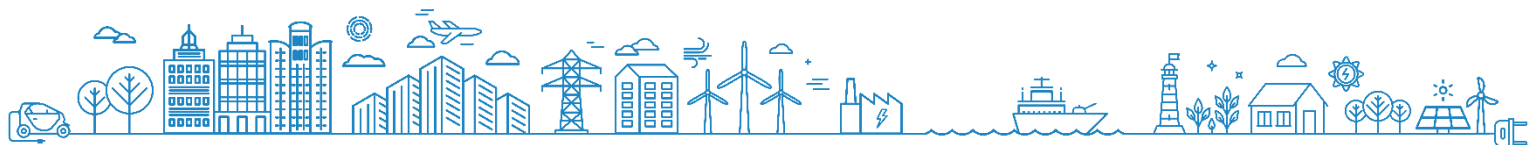
Italian partner

Price contract : 6,5 M€



High voltage power supply for Travelling Wave Tubes

- 60kV – 0,7A
- 50kV – 1,5A
- 30kV – 1,5A





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