



Exxelia from Charcroft: Rugged capacitors and magnetics

High-current, high-voltage capacitors and magnetics, backed by specialist design support for main and auxiliary converters and power-conditioning systems in mass transit and other applications where high reliability and long life are critical.

High-voltage aluminium electrolytic capacitors

- Rated for operation over 8000h/105°C
- Screw-terminals withstand high shock & vibration
- Temperature range: -55°C to +125°C
- Voltage range: 150 to 450V
- Capacitance range: 1500 to 47000µF



High-power & custom magnetics

- Transformers, chokes, inductors, sensors and electro-magnets
- Power from 0 to 4000kVA, 16Hz to 1MHz
- Standalone or PCB mounted
- Isolating voltage up to 80Kv
- Custom cabinets, traction power, unregulated power supplies, charging systems



Metallised polypropylene capacitors

- High RMS current, self-healing
- Low DF, ESR & ESL
- Up to 1600µF, or higher on request
- Up to 100Arms rated
- 160V to 4000V rated voltage
- UTE C 93 156 standard
- UL94 V-0 (flammability) compliance
- Temperature ranges from -55°C to 85°C, 100°C or 110°C
- Custom assembly including capacitor banks



EXXELIA  GROUP

charcroft
ELECTRONICS

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Passives, power, interconnect, emech and more

Knowledge of yesterday ■ Looking after today ■ Supporting tomorrow.



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