Supercapacitors

Eaton supercapacitors are unique, ultra-high capacitance devices utilizing electric double layer capacitor (EDLC) construction combined with new, high performance materials. This combination of advanced technologies allows Eaton to offer a wide variety of capacitor solutions tailored to specific applications that range from a few microamps for several days to hundreds of amps for seconds.

Coin cells

- 0.1 F to 1.5 F with operation up to 5.5 V
- Industrial temperature range up to + 85 °C
- Ideal for real time clock backup and battery swap ride-through
- Available in horizontal, vertical and cylindrical mounting configurations
- REACH, RoHS, SVHC compliant

Small cylindrical

- 0.22 F to 110 F and operating voltages up to 3.0 V designed for mounting on PCBs
- Industrial temperature range - 40 °C to + 85 °C with voltage derating
- Product families are optimized for low DC resistance (HV, TV) and high temperature life time (HB)
- Operating life up to 20 years (depending upon voltage and temperature)
- REACH, RoHS, SVHC compliant, UL recognized

Large cells

- 275 F to 3400 F and operating voltages up to 3.0 V
- Industrial temperature range - 40 °C to + 85 °C with voltage derating
- Ultra low DC ESR for highest efficiency and power
- Optimized integration into modules for a wide variety of applications
- REACH, RoHS, SVHC compliant, UL recognized.

Modules

- Multi-cell modules for easy integration into large high voltage and high energy systems.
- Meet application requirements for rack mounting or harsh environments.
- 16 V to 144 V operating voltages with integrated cell balancing, temperature monitoring, and overvoltage monitoring.
- REACH, RoHS, SVHC compliant, UL recognized, and UN ECE certified.

Hybrid cells

- Ultra-high capacitance for up to 10 times energy density
- Small footprints for space-saving (8 mm x 14 mm to 16 mm x 25 mm package sizes)
- Wide range of operating temperatures (- 25 °C to + 70 °C)
- Low ESR and ultra low leakage current to maximize efficiency
- Lead and halogen-free, RoHS and REACH compliant, UL recognized

Alcom electronics
Singel 3 | B-2550 Kontich | Belgium | Tel. +32 (0)3 458 30 33 | info@alcom.be | www.alcom.be
Rivium 1e straat 52 | 2909 LE Capelle aan den Ijssel | The Netherlands | Tel. +31 (0)10 288 25 00 | info@alcom.nl | www.alcom.nl