

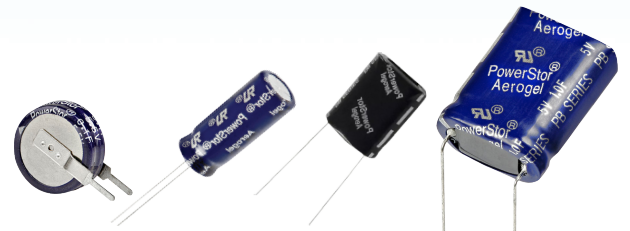


Eaton Supercapacitors

Product Line Card



Powering Business Worldwide



Eaton supercapacitors are high-reliability, high-power, ultra-high capacitance energy storage devices that are maintenance-free and have design lifetimes of up to 20 years. Eaton's combination of advanced technology and proprietary processes allow for a wide variety of solutions tailored to specific applications such as backup power, pulse power, and hybrid power systems.

Reach your local sales team at 1.800.CALL.TTI

Eaton supercaps can be applied as the sole energy storage component or in combination with batteries to optimize cost, lifetime, and run time. System requirements can range from a few micro-amps to megawatts. And, unlike a battery, because there are no chemical reactions, the charge/discharge cycle life is almost unlimited. All Eaton products feature low ESR for high-power density with environmentally friendly materials containing no heavy metals or the disposal issues associated with batteries.

- Applications**
- Backup Power/UPS
 - Engine Starting
 - Hybrid & Electric Vehicles
 - RTC and Memory Backup
 - Grid Storage
 - Gas, Water, and Electric Meters
 - Remote Power for Sensors, LEDs, and Switches
 - High Pulse Power

Coin Cells



KR Series

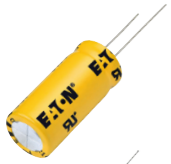
- 0.1 - 1.5F
- 5.5V
- -25 °C to +70 °C



KW Series

- 0.1 - 1.0F
- 5.5V
- -40 °C to +85 °C

Cylindrical Cells



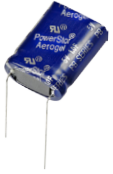
TV Series

- 6.0F - 100F
- 3.0V; ESR 11-35mΩ
- -40 °C to +65 °C



HV Series

- 1.0 - 100F
- 2.7V
- -40 °C to +65 °C



PB Series

- 0.1 - 1.0F
- 5.0V
- -25 °C to +70 °C



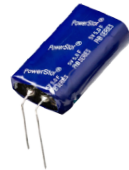
B Series

- 0.22 - 2.2F
- 2.5V
- -25 °C to +70 °C



M Series

- 1.0 - 9.0F
- 2.5V
- -40 °C to +60 °C



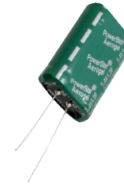
PHB Series

- 1.5 - 5.0F
- 5.0V
- -25 °C to +70 °C



HB Series

- 3.0 - 110F
- 2.5V
- -25 °C to +70 °C



PHV Series

- 0.47 - 5.0F
- 5.4V
- -40 °C to +65 °C

Large Cells



XB Series

- 300 - 600F Snap-in
- 2.5V
- -25 °C to +70 °C



XL60 Series

- 3000F
- 2.7V
- -40 °C to +65 °C



XV Series

- 300 - 600F Snap-in
- 2.7V
- -40 °C to +65 °C

Modules



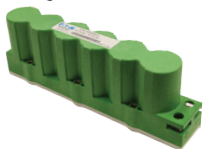
XLM Series 62V Supercapacitor Module

Comprised of 23 individual supercapacitor cells, the 62V, 130F module is easily rack mounted and includes integrated cell voltage management circuitry and an overvoltage alarm. Low ESR – 6.7 mΩ



XLR Series 48V Ruggedized Supercapacitor Module

Comprised of 18 individual XL60 supercapacitor cells, the 48V, 166F module is easily mounted and includes integrated cell voltage management circuitry and an overvoltage alarm. IP65; Vibration Resistant; ESR 5 mΩ



XVM Series 16V Supercapacitor Module

The 16V, 65F XVM Series supercapacitor module offers a means to easily achieve higher voltage, power or discharge time through a series or parallel connection of multiple modules.

The PowerStor brand of supercapacitors (formerly of the Bussmann division of Cooper Industries) is now part of Eaton's Electrical Group, Electronics Division.