5.5V Supercapacitors for Hold-Up & Memory Back-Up Applications

Introducing High Capacitance 5.5V Coin Cell Products in Industry Standard Packages

- **Maintains Supply Integrity**
  High capacitance, 0.1F to 1.5F, enables critical functions to continue or to be completed in a controlled manner during battery swap out or mains fail.

- **Extensive Offering**
  The PowerStor® KR Series is available in three industry standard mechanical packages, cylindrical style, horizontal mount and vertical mount, each with six capacitance values from 0.1F to 1.5F.

- **Low Leakage Current**
  Ultra-low leakage current levels make the KR Series ideal for battery powered equipment where loading needs to be minimized to prolong the operating time.

- **Space Saving**
  High energy density allows the use of small 11.5mm to 21.5mm diameter low-profile packages with 5mm & 7.5mm thickness.

- **RoHS Compliant**
  The full line of KR Series supercapacitors are RoHS compliant, lead free and present no disposal issues at end of life.
Cooper Bussmann PowerStor® supercapacitors are unique, ultra-high capacitance devices utilizing electrochemical double layer capacitor (EDLC) construction combined with new, high performance materials.

The Cooper PowerStor KR Series combines a voltage rating of 5.5V with high capacitance by volume resulting in high energy density levels in excess of 10 Joules / cm³. This high-energy storage capability combined with more than 10 years of operating life makes the KR Series the ideal choice for many consumer, office & telecom equipment applications.

Typical Applications:
- Computer & peripherals
- Telephones
- DSL modems & routers
- Digital radios
- Set top boxes
- White goods & kitchen appliances
- Copiers
- Electric utility meters
- HVAC controls

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