

Ultracapacitors- Operate in Environments Beyond Battery Capabilities

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Ultracapacitors and batteries have a similar mechanical structure, consisting of a cathode, anode, and electrolyte, but the way they store energy is very different. Ultracapacitors have higher power density, lower resistance, faster discharge, and they are safer making them a great choice for many applications, such as military aerospace, and extreme environments. In addition to these incredible performance benefits, FastCap Ultracapacitors offers a wide variety of technologies that can operate in high temperatures up to 150°C, low temperatures of -55°C, and withstand conditions of high shock and vibration.