

Type DGH & DSF, New 3 Cell Assemblies

High Voltage Supercapacitors

Cornell Dubilier's new DGH and DSF Series 3 cell supercapacitors offering higher voltage, greater power density, extremely low self-discharge rate, low ESR and ultra-fast charging. The 3 cells are PCB mountable and are passively balanced. Market segments include green energy, backup power, industrial internet of things (IoT) and small electric vehicles.

Highlights

- More cost-effective than competition
- Ultra-low self-discharge current
- Wide temperature range
- Higher energy density
- Higher power density
- Low ESR
- 500,000+ charge / discharge cycles typical

Specifications

Capacitance Range	DGH - 0.33 to 5.0 Farads DSF - 0.33 to 5.0 Farads
Capacitance Tolerance	-10% to +30%
Voltages	DGH - 8.1V DSF - 9.0V
Operating Temperature	DGH - -40 °C to +65 °C @ 8.1V/6.9V DSF - -40 °C to +65 °C/85 °C @ 9.0V/7.5V
Life Cycles	500,000+ cycles

RoHS Compliant and PET sleeve



Typical Applications

Solar/Wind energy storage, Energy Harvesting, Pulse Power, UPS Systems, Smart Electric Meters, Asset Tracking, IoT, GPS, AGV

