

Type DSF

High Voltage Supercapacitors

Cornell Dubilier's DSF Series supercapacitors offer higher voltage, greater power density, extremely low self-discharge rate, low ESR and ultra-fast charging. Market segments include green energy, backup power, industrial internet of things (IIoT) and small electric vehicles.

Highlights

- More cost-effective than competition
- Ultra-low self-discharge current
- Wide temperature range
- High energy density (24% more than 2.7V)
- High power density
- Low ESR
- 500,000+ charge / discharge cycles typical

Specifications

Capacitance Range	1.5 to 600 Farads
Capacitance Tolerance	-10% to +30%
Voltage Range	3.0V, 6.0V
Operating Temperature	-40 °C to +85 °C @ 2.5V, 5.0V -40 °C to +65 °C @ 3.0V, 6.0V
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



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