



Supercapacitor Module Capabilities

At Knowles, we understand that no two requirements are the same and each may demand a different form, fit or function. Our engineering team can support our customers through all the potential design solutions and strategies that can be implemented into any application. Knowles' Cornell Dubilier brand designs and manufactures custom supercapacitor solutions which support applications to function at their fullest capabilities.

HIGHLIGHTS:

- Comprehensive radial cell offering in various voltage platforms
- Custom PCBA layouts
- Quick turn in-house design capabilities
- Higher-level circuit integration
- Solid Works 3-D modeling
- Passive, active, or custom voltage balancing
- Custom packaging, including shrink sleeves, metal enclosures, conformal coating for outdoor applications, and open frames for easy system integration

SINGLE CELL OFFERING:

Series	Description	Cap Range	Rated Voltage	Temp Range
DGH	85°C Low ESR Supercapacitor	1F-600F	2.7v	-40°C to +85°C
DSF	85°C Low ESR Supercapacitor	3F-600F	3v	-40°C to +85°C
VMF	LiC Hybrid Supercapacitor	10F-220F	3.8v	-15°C to +85°C
VPF	LiC Hybrid Supercapacitor	40F-220F	3.8v	-25°C to +70°C

For more information visit knowles.com

