General Capacitor LLC

High Energy Li-ion Capacitors

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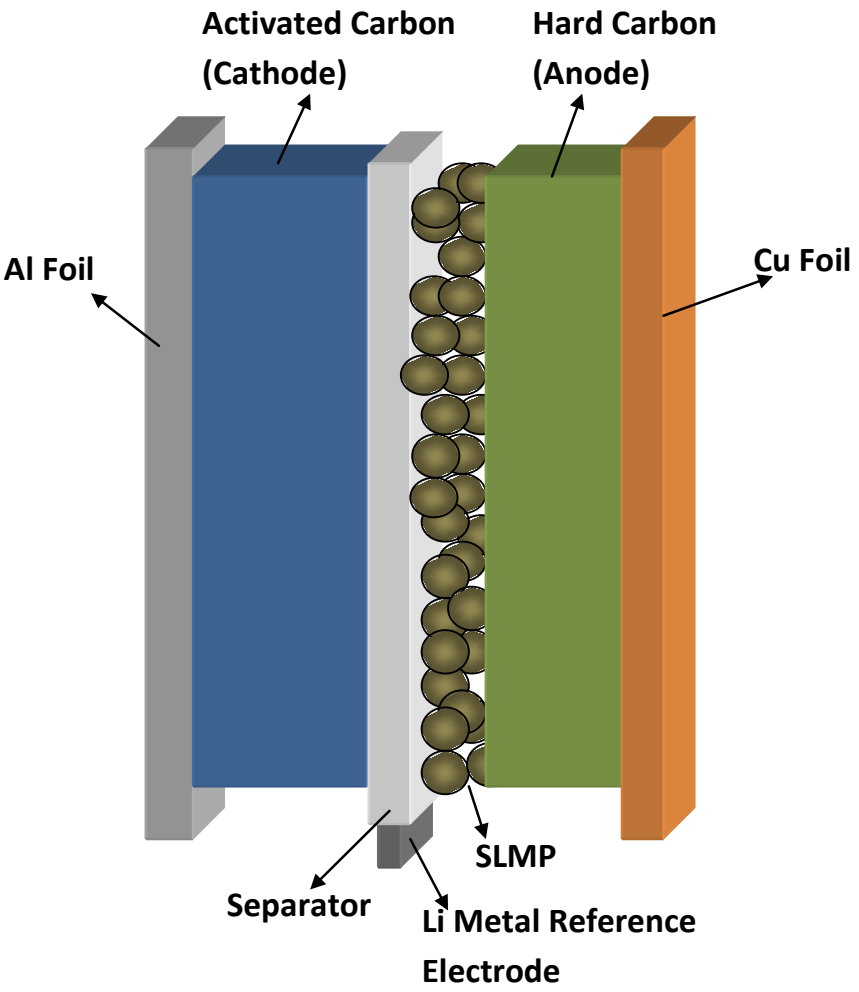
Commercial Applications

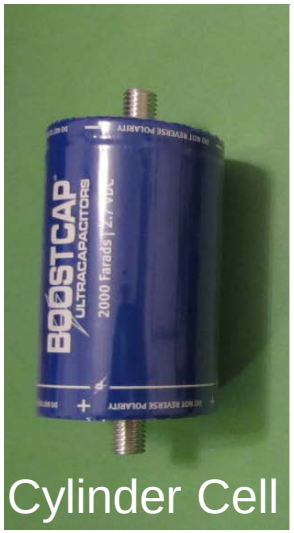
Li-ion Capacitors



Comparison of Energy Densities for Various Supercapacitors

Capacitors	Maxwell	NessCap	GC Li Cap
Voltage (V)	2.7	2.7	3.9
Capacitance (F)	2000	1700	315
Weight (g)	412	403	23.8
Dimension	Φ6cm;L10cm	6×16.5×2.8cm^3	5×9.5×0.376cm^3
Specific Energy (Wh/kg)	4.9	4.3	22.4
Energy Density (Wh/L)	7.1	6.2	29.5

Maxwell and NessCap are the world largest and 2nd largest supercapacitor manufactures, respectively.



Cylinder Cell

Pouch Cell

Pouch Cell

The Current Status of Li-ion Capacitors