

# Competitive advantages: Characteristics of devices



Prototype of Supercapacitor  
with CarbonElectric material:

Commercial Supercapacitor:

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Specific Capacitance = 45 F/g \*

Specific Capacitance = 15-20 F/g \*

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Rated Voltage = 3.0 V

Rated Voltage = 2.7 V

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Specific Energy = 57 Wh/kg \*

Specific Energy = 19-26 Wh/kg \*

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\* - total weight of active material of electrodes

# Carbon Electric