

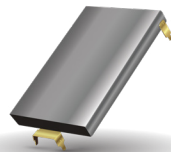
AVX offers complete portfolio of supercapacitor solutions, stretching from single cells to large modules. Ready to customize according to customer needs.

## PrizmaCap™



RANGE	FEATURE	APPLICATIONS
<b>Series</b> SCP	<ul style="list-style-type: none"> <li>• Low height</li> <li>• High temperature</li> <li>• Light weight</li> <li>• PC technology than standard ACN</li> </ul>	<ul style="list-style-type: none"> <li>• Wearables</li> <li>• Handheld devices</li> <li>• Wireless Keyboards</li> <li>• SSD drives</li> <li>• RFID</li> </ul>
<b>Dimensions</b> 25x24 to 150x85 mm		
<b>Capacitance</b> 1 F – 500 F		
<b>Voltage</b> 1.1 – 2.1 V		
<b>Leakage current</b> 5 – 100 uA		
<b>ESR</b> 2 – 500 mΩ		
<b>TEMP. range</b> -55°C to +90°C		

## BestCap®



RANGE	FEATURE	APPLICATIONS
<b>Series</b> BZ (traditional) BW (new generation)	<ul style="list-style-type: none"> <li>• Highest rated voltage per device in industry</li> <li>• Lowest leakage current</li> <li>• Mechanically robust</li> </ul>	<ul style="list-style-type: none"> <li>• IoT devices</li> <li>• High vibration environments</li> <li>• GSM/GPRS/WIFI Modules</li> <li>• Energy harvesting</li> <li>• Portable devices</li> <li>• Security</li> </ul>
<b>Dimensions</b> 12x15 to 48x30 mm		
<b>Capacitance</b> 4.7 mF – 1 F		
<b>Voltage</b> 2 – 20 (32*) V		
<b>Leakage current</b> 0.015 uA to 5 uA		
<b>ESR</b> 25 mΩ - 1 Ω		
<b>TEMP. range</b> -20°C (-40°C) to +70°C (+75°C)		

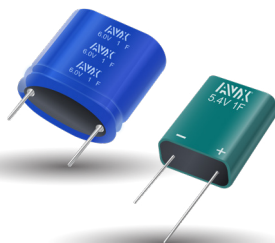
## Cylindricals

### Single Cells



RANGE	FEATURE	APPLICATIONS
<b>Series</b> SCC	<ul style="list-style-type: none"> <li>• Low cost</li> <li>• Current ratings up to 2600A</li> <li>• Low ESR</li> <li>• High energy</li> </ul>	<ul style="list-style-type: none"> <li>• Smart metering</li> <li>• IoT</li> <li>• Security</li> <li>• Electronic locks</li> </ul>
<b>Dimensions</b> 6.3x12 to 60x155 mm		
<b>Capacitance</b> 1 F – 3000 F		
<b>Voltage</b> 2.3 – 3 (3.3*) V		
<b>Leakage current</b> 6 – 5200 uA		
<b>ESR</b> 0.29 – 500 mΩ		
<b>TEMP. range</b> -40°C to +85°C		

### Modules



RANGE	FEATURE	APPLICATIONS
<b>Series</b> SCM	<ul style="list-style-type: none"> <li>• Customized modules</li> <li>• Double (6 V) and triple (9 V) modules ready</li> <li>• Large modules 500F/16V ; 166F/48V ready and expanding</li> <li>• Health monitoring options</li> <li>• High reliability series (moisture resistant)</li> </ul>	<ul style="list-style-type: none"> <li>• Smart metering</li> <li>• Energy Harvesting (Forklifts, Elevators, street lighting)</li> <li>• Windmills</li> <li>• Video recording units</li> <li>• Li-ion battery replacement</li> <li>• Data storage centers</li> <li>• High Power lasers</li> <li>• Power tools</li> </ul>
<b>Dimensions</b> 6.3x14 to 580x423 mm		
<b>Capacitance</b> 0.33F – 500 (5000*)F		
<b>Voltage</b> 5 – 5600 V		
<b>Leakage current</b> 2 – 70 uA		
<b>ESR</b> low levels ~ 1 mΩ		
<b>TEMP. range</b> -40°C to +85°C		

# AVX SUPERCAPACITORS APPLICATIONS

## Energy Harvesting



## Pulse Power



## Power Hold-up



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