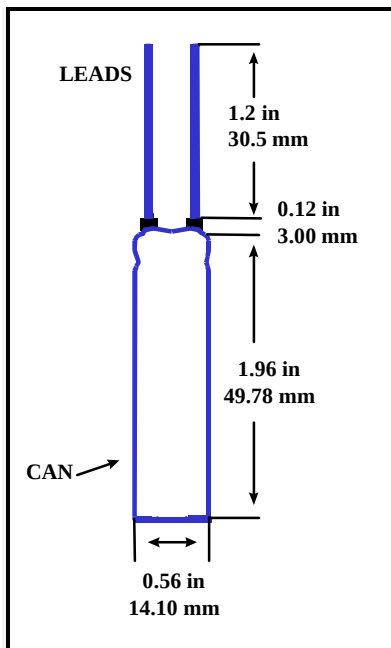


Aerogel Capacitor



SPECIFICATIONS

Operating Voltage:	0 to 2.75 V Max
Nominal Capacitance:	10.0 F @ 1A
Nominal Capacity:	5.60 mAh
Nominal Weight:	15.0 g (0.53 oz.)
ESR:	< 10 mΩ @ 1 kHz
Leakage Current:	< 100 μA
Cycle Life:	> 400,000 cycles
Operating Temp.	-20°C to 60°C

OPERATING INSTRUCTIONS

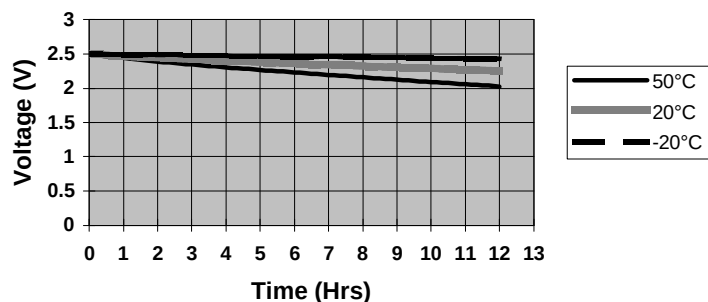
- Use the capacitor according to the specified operating temperature range, and do not apply voltage exceeding the specified capacitor voltage rating.
- Do not place a soldering iron near or on the body of the capacitor to avoid the sleeves of the capacitors from deforming or cracking under high temperature.
- PolyStor's Aerogel Capacitors (U.S. Patent 5,260,855) have very high peak power capabilities during both charge and discharge. Exercise common sense precautions when handling or testing.
- DO NOT overcharge, crush, mutilate, nail penetrate, reverse polarity, expose to high temperatures or disassemble.
- Utilizing two or more capacitors in series will require capacitor balancing.
-

ADVANCED ENERGY STORAGE PRODUCTS

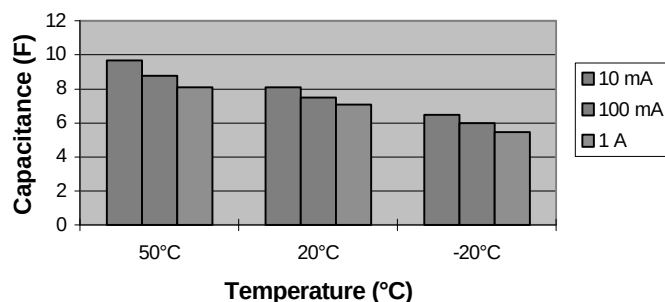
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Web Site: [http:// www.polystor.com](http://www.polystor.com)
Preliminary information Subject to Change without notice
PolyStor is a registered trademark of PolyStor Corporation.

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email: polystor@polystor.com
PSC9709C-R2 Issue Date: 12/97
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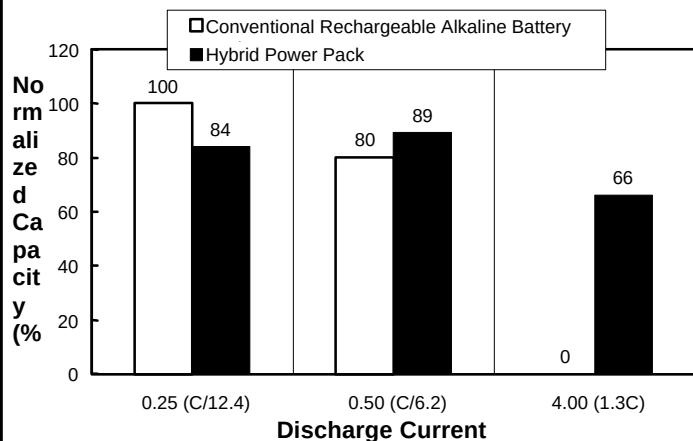
12 Hr Self Discharge



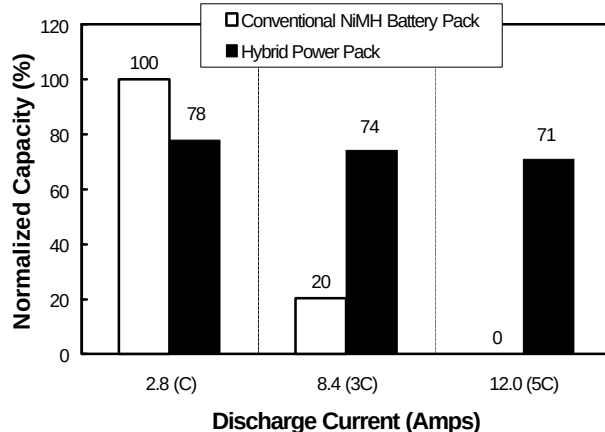
Capacity vs. Temperature vs. Load



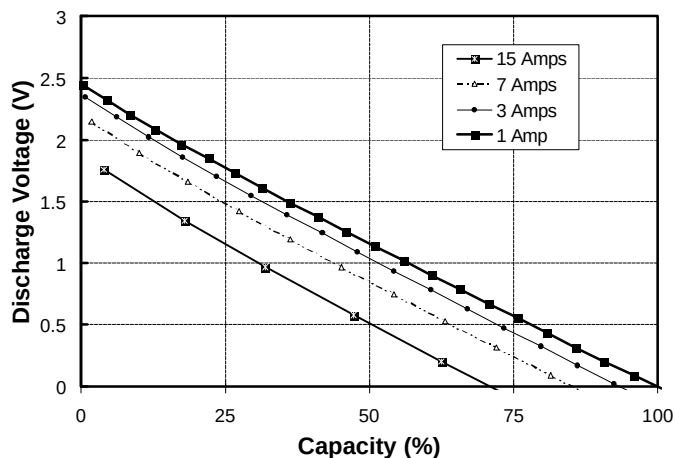
Hybrid Power Pack Outperforms Rechargeable Alkaline



Hybrid Power Pack Outperforms NiMH



Rate Capability



Cycle Life Data

