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Room Temperature Capacity and
Forced Overdischarge Test


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Voltage, V



## Voltage, V




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The medium rate LTC-111 tend to explode or leak when force over-
discharged at $160^{\circ} \mathrm{F}$ following high rate discharge of 500 mA . The
LTC-114 and LTC115 both survived 1 Amp over-discharge with and $0.4 \%$ capacity dispersion. The medium rate LTC-115 'sub D' had $5 \%$ capacity dispersion at 50
mA discharge, while the LTC-111 had $0.2 \%$ and the LTC-114 had

 capability.

cells that were previously discharged at rates exceeding 1 Amp.
Fresh cells tend to survive exposure to higher temperatures than cells
previously discharged at high rate ( 1 Amp ). LTC-111 cells tend to
vent at lower temperatures than the all LTC- 114 cells and the LTC-115
HIOYS pIey $\mathfrak{e}$. Ohm did not. This is probably due to the activation of a resetable fuse Ohms recovered but the LTC-114 cells exposed to a soft short of 1 cutoff switch but three LTC-111cells exp
 Most cells opened during 0.05 Ohm short circuit test without incident
 hours.

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