

Future Improvements to Ag/Zn

- capacity retention & cycle life - est. 2 x increase
- wet life - est. 2 x increase
- energy density - est. 10 - 15 % increase
 - Eliminate/Reduce Main Failure Modes of capacity degradation, separator failure
 - Negative (Zinc) Electrode Shape Change
 - improvements in materials and fabrication methods
 - modified electrolytes
 - Separator Degradation
 - develop low cost synthetic separator materials
 - high resistance to electrolyte and silver oxide attack
 - high electrochemical conductivity
 - high mechanical strength
 - less separator required