



Low Cost Solutions

Production Process

Ovonic Battery Company operates a proprietary production system for the synthesis of advanced nickel hydroxide. Several unique characteristics of this production system make it very low cost.

Our factory was designed at its inception to achieve world-class quality and low-cost processing. Our 99.9+% recovery is unparalleled; practically 100% of the raw materials that enter the production reaction are converted into defect-free product. This keeps cost low by minimizing waste of expensive raw materials, and by producing a non-hazardous waste stream that allows easy and inexpensive disposal. Our automated system minimizes labor costs by enabling the factory to run 24 hours a day, 7 days a week.

Ovonic Battery Company's *Lean-Production* best-practices-and-quality-philosophy – focused on Six Sigma capability and continuous improvement – assures quality and allows minimum scrap, just-in-time delivery, and visual management.

Encapsulation

Ovonic Battery Company has developed proprietary encapsulated nickel hydroxides. These nickel hydroxides utilize a special patented cobalt coating that reduces cost by significantly reducing expensive external cobalt additives to the positive electrode. All of our nickel hydroxide products can be encapsulated to achieve this cost reduction.

Ovonic Battery Company is a subsidiary of Energy Conversion Devices, Inc.