



# Unlocking Career Potential as a Development Manager in Energy Storage at PPG

## Unlocking Career Potential as a Development Manager in Energy Storage at PPG

### Why Energy Storage Development Managers Are the New Rockstars

Imagine being the conductor of an orchestra where lithium-ion batteries play lead violin and thermal management systems handle percussion. That's essentially what a Development Manager in Energy Storage does at PPG - harmonizing cutting-edge materials science with sustainable energy solutions. With the global energy storage market projected to reach \$435 billion by 2030 according to BloombergNEF, PPG's strategic push into this sector creates exciting career opportunities.

### PPG's Secret Sauce in Energy Innovation

While best known for its iconic paint cans, PPG has been quietly developing game-changing coatings for battery components:

- Nanoceramic thermal interface materials that improve battery safety
- Conductive polymer coatings enabling faster charging
- Corrosion-resistant solutions for grid-scale storage systems

### The Development Manager's Playbook

In this role, you'd be navigating the energy storage value chain like a chess grandmaster:

- Leading cross-functional teams of chemists and engineers
- Developing battery component coatings with 15% higher energy density
- Collaborating with automotive OEMs on next-gen EV battery solutions

### Real-World Impact: Case Study in Action

PPG's recent partnership with a major EV manufacturer demonstrates this role's significance. By co-developing specialized battery cell coatings, the team achieved:

- 23% reduction in thermal runaway incidents
- 18% improvement in charge cycle longevity
- Certification for use in extreme climates (-40°C to 60°C)

### Navigating the Career Landscape

The path to becoming PPG's energy storage maestro typically requires:

- Advanced degree in Materials Science or Chemical Engineering



# Unlocking Career Potential as a Development Manager in Energy Storage at PPG

5+ years experience in battery technology development  
Proven track record in commercializing electrochemical solutions

## Compensation Sweet Spot

While PPG keeps salary data confidential, industry benchmarks show:

Base salaries ranging \$130K-\$180K for similar roles  
15-25% performance bonuses tied to technology milestones  
Stock options reflecting PPG's 12.3% YOY growth in specialty materials

## Future-Proofing Your Career

As the industry pivots toward solid-state batteries and flow battery systems, successful candidates will need:

Expertise in dry electrode coating technologies  
Understanding of AI-driven battery management systems  
Experience with circular economy principles in materials design

## The PPG Advantage

What sets this role apart? You're not just developing products - you're shaping the materials infrastructure for renewable energy adoption. With PPG's recent \$50M investment in battery innovation centers and partnerships with 14 top-tier research institutions, this position offers unparalleled resources to drive meaningful technological breakthroughs.

Web: <https://www.sphoryzont.edu.pl>