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Whitepaper published on next generation lithium titanate based rechargeable batteries

Dr. MuMu Moorthi, Vice President of Business Development at NEI Corporation, has published a whitepaper entitled “Lithium Titanate Based Batteries for High Rate and High Cycle Life Applications”. The paper provides a history of various cathodes, anodes and electrolytes that have been developed over the years for lithium ion batteries, with an emphasis on lithium titanate based batteries. Lithium titanate anode provides a number of significant advantages over its carbon counterpart: lithium titanate based batteries can be almost fully charged within 10 minutes. Further, these batteries also have exceptional cycle life compared to carbon based batteries. Due to these unique properties, lithium titanate based batteries are being considered for number of different applications such as PHEV, EV, power tools, peak saving, and power grid. The paper will also provide the reader a high level understanding of the capabilities and limitations of various cathode and anode materials.

NEI Corporation, a leader in advanced materials development, has a history of developing high performance lithium ion battery electrode and anode materials in both the nanoscale and micron formats to meet specific application needs. “NEI is proud to have developed a new generation of nanoscale lithium titanate”, says Dr. Ganesh Skandan, CEO of NEI Corporation. Dr. Skandan added “our lithium titanate material is being evaluated by major rechargeable lithium-ion battery manufacturers around the world. We are excited with the positive feedback we are receiving from our customers.”

[Click here to download the Whitepaper](#)

About NEI Corporation

NEI Corporation develops, manufactures, and distributes nanoscale materials for a broad range of industrial customers around the world. The company’s products incorporate proprietary nanotechnology and advanced Materials Science to create significant performance improvements in manufactured goods. NEI’s products include advanced protective coatings, high performance battery electrode materials, and specialty nanoscale materials for diverse applications. NEI has created a strong foundation in the emerging field of Nanotechnology that has enabled the company to become a leader in selected markets. Established in 1997, the company is based in Somerset, NJ. For more information, contact NEI Corporation at (732) 868-3141 or visit www.neicorporation.com.