

Abstract Submitted
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Lithium Iron Phosphate doped on the Iron side with Zirconium

ANDREW TRENCHARD, HANU ARAVA, HUI FANG, GAN LIANG, Sam Houston State University — Lithium ion batteries were constructed from both carbon and noncarbon coated LiFePO_4 that was doped with Zirconium on the Iron side at 1%, 2% and 3%. The charge and discharge capacities of the batteries were measured at various C-rates. The results were compared amongst the various rates. The process for constructing the batteries as well as the results will be presented.

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