

Synthesis of Core-Shell Structure of Lead carbon materials for energy storage system

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The core Shell structure of lead carbon synthesized through chemical methods. The lead metal have been act as a core of function. Activated carbon can be used as shell around the lead metal. The lead-carbon core shell structure is effective application for negative electrode in lead-acid and ultra-battery applications. The activated carbon have role of preventing lead particle growth and oxidation of lead metal. In order to get high capacitance on the negative electrode, activated carbon could be used. This type of structure have large charge acceptance and slow polarization of negative electrode in lead acid battery. Core -shell type might be highly applicable to ultra-battery for increase capacitance of fuel cell.