

Title: Solar graphite glass

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High-thermal-conductivity phase change materials (PCMs) are crucial for efficient solar thermal energy storage but often suffer from complex fabrication and high cost. Here, a cost-effective composite ...

In this study, a composite material is fabricated from waste glass derived from solar panels and graphite, and its performance is evaluated as a negative electrode active material for LIBs.

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Waste solar panel (WSP) glass powder is mixed with graphite and heat-treated to develop a composite negative electrode active material for lithium-ion batteries (LIBs).

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