

# Energy Density Assessment of Organic Batteries

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**ABSTRACT:** In light of the exciting progress that has been made at the molecular level for the design of organic electrodes in the last 30 years, as well as the inherent advantages of organic batteries, an in-depth energy density assessment is urgently needed to address the technological feasibility of organic batteries. Herein, we report a comprehensive analysis on the energy density of various kinds of organic batteries using both liquid and solid electrolytes. The current work is believed to provide insights on the materials design and cell engineering for building competitive and high-energy density organic batteries.

