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Battery Pack Thermal Design Ahmad Pesaran National Renewable Energy Laboratory Golden, Colorado NREL/PR-5400-66960 NREL is a national laboratory of the U.S. Department of ...

Fig. 1 shows the ideal battery pack and major constraints. The battery pack, as the main energy storage device for EVs, delivers the required energy and power with a reliable ...

Nowadays, battery design must be considered a multi-disciplinary activity focused on product sustainability in terms of environmental impacts and cost. The paper reviews the ...

The final discussion analyzes the correlation between the changes in the design methods and the increasing demand for battery packs. The outcome of this paper allows the ...

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This review seeks to connect academic research with industry needs by offering a comprehensive overview of automotive battery pack standards, developments in that field, and ...

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