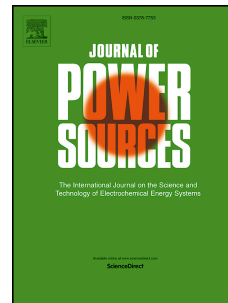


# Accepted Manuscript

Thermal parameters determination of battery cells by local heat flux measurements

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**Highlights**

- The methodology for measuring of the Li-ion cell thermal parameters was presented.
- The methodology was verified on the sample with well-known thermal parameters.
- The uncertainty and limitations for the presented methodology were given.
- The dependence of the SoC and measuring points on thermal parameters was studied.

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