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2025 Global LEAP Awards Solar Generator Competition Required Documentation Checklist

All products nominated for the Global LEAP Awards Solar Generator Competition must submit the following documentation at the time of nomination. Please see the Competition [Terms and Conditions](#) for additional details.

GENERAL PRODUCT DOCUMENTATION

- Product warranty
- Product user manual
- Any additional relevant training and user manuals or resources
- Photograph(s) of product
- Link to video demonstration of product (if available)
- Other supporting documents or media (as needed)

SAFETY DOCUMENTATION

Inverter Safety

- User/installer safety information document(s) (if available)
- IEC 62109-1 test report*
- IEC 62109-2 test report*

Battery Safety

- For all battery chemistries:
 - Battery specification sheets issued by the manufacturer¹
 - Battery chemistry declaration; OR Material Safety Data Sheet
- For products containing lithium-ion batteries, also submit the following:
 - Written description of individual cell protection measures; OR a battery test report or specification that clearly describes individual cell protection

* Test reports must be issued by an ISO 17025 accredited laboratory.

¹ Specification sheets must show, at a minimum, the acceptable deep discharge protection and overcharge protection threshold.

- Lithium battery test reports* based on battery type specified below:²

Lithium Battery Type	Required Documentation
For lithium batteries with portable applications: ³	IEC 62133-2; <u>OR</u> UL 62133; <u>OR</u> UL 2054
For lithium batteries with stationary applications:	IEC 62133-2; <u>OR</u> UL 62133; <u>OR</u> UL 2054; <u>OR</u> BOTH UN 38.3 AND IEC 62619; <u>OR</u> BOTH IEC 62281 AND IEC 62619; <u>OR</u> BOTH UN 38.3 AND UL 1973; <u>OR</u> BOTH IEC 62281 AND UL 1973
For single cell lithium batteries:	IEC 62133-2; <u>OR</u> UL 62133; <u>OR</u> UL 2054; <u>OR</u> BOTH UN 38.3 AND IEC 62619; <u>OR</u> BOTH IEC 62281 AND IEC 62619; <u>OR</u> BOTH UN 38.3 AND UL 1973; <u>OR</u> BOTH IEC 62281 AND UL 1973; <u>OR</u> UL 1642
For products with a mass >18 kg with lithium batteries:	IEC 62619; <u>OR</u> UL 1973

AC-DC Power Supply

- Applicable AC-DC power supply documentation:*
 - UL 1310 test report; OR
 - IEC 62368 test report; OR
 - IEC 60335-2-29 test report; OR
 - GB 4943 test report

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² Test reports must cover both the individual cell and the fully assembled battery pack.

³ Portable applications are defined by the following characteristics: <3kg, able to be carried by hand, two or more main components (e.g., energy source, energy storage, lighting) are in a single unit.

* Test reports must be issued by an ISO 17025 accredited laboratory.