QUESTIONNAIRE

Subsequent to your initial information, there is an overview of the questions that must be answered in the online questionnaire either as free text or with a checkbox. In addition to the information about the product further information on the company and contact is requested. These questions are not listed here.

In the last column you can see the importance of the questions for the overall evaluation on the basis of the weighting. This should help you to identify those questions that require the most care in answering.

The questionnaire has to be answered exclusively online and is accessible through the AWARD Portal. To participate in the The smarter E AWARD you first need to register. After registering, you will receive your permanent login data for the AWARD Portal, where you have the possibility to submit and edit your applications during the application periods.

Use our "Tips for a successful application" to optimize your submission.

#	Question / Criteria	Field type	Max. characters	Weighting
1.	**PRODUCT INFORMATION**			
1.1	**Product Name**	Free text	70	
1.2	**Field of Application** Please select the appropriate field of application of the product. ○ **Energy storage technologies** ○ **Batteries** ▪ Lithium-based batteries ▪ Lead-based batteries ▪ Redox flow batteries ▪ Other battery technologies ▪ Battery recycling/second use ○ **(Ultra)capacitors** ○ **Energy storage systems** ▪ Stationary energy storage for residential buildings ▪ Stationary energy storage for commercial and industrial applications ▪ Stationary energy storage for utilities and grid operators ▪ Uninterruptible power supply systems (UPS) ▪ ICT, software for energy storage systems ▪ Power electronics for storage systems ▪ EPC contracting/project development for energy storage systems ▪ Energy storage for low-capacity mobile applications (smartphones, laptops, tablets, etc.) ○ **Battery system components and accessories** ▪ Battery management systems ▪ Cooling/temperature management of storage systems ▪ Battery testing, inspection systems, safety ▪ Power electronics for storage systems ▪ Battery housing ▪ Contacts, wiring, insulation for batteries ▪ Battery chargers ○ **Battery production technologies/machine and plant construction** ▪ Battery materials ▪ Manufacturing equipment for battery module production/assembly ▪ Manufacturing equipment for battery cell production ▪ Battery module production and system installation/assembly ▪ Automation technology for battery production ○ **Other**	Checkbox		

#	Question/Criteria	Field type	Max. characters	Weighting
1.3	**Product Profile** Please describe your product and its function.	Free text	800	
1.4 1.4.1 1.4.2 1.4.3	**Product Status** o The product is a new development o The product is in the development phase o The product is a refinement of an existing product	Checkbox		
1.4.2.1	**Anticipated availability/launch** (month/year) (complete if 1.4.2 has been marked)	Free text	35	
1.4.3.1	**Please describe what has been changed compared to the previous version** (complete if 1.4.3 has been marked)	Free text	800	
1.5	**Product Presentation** o The product will be presented at Intersolar Africa 2027, Intersolar Brasil Nordeste 2027, Intersolar Europe 2026, Intersolar India 2027, Intersolar Mexico 2026/2027, Intersolar Middle East 2027, Intersolar North America 2027, Intersolar Summit Romania 2026/2027, Intersolar South America 2026/2027, ees Europe 2027, ees India 2027, ees South America 2026/2027, Power2Drive Europe 2027, Power2Drive India 2027, Power2Drive South America 2026/2027, EM-Power Europe 2027, Eletrotec+EM-Power South America 2026/2027, The smarter E Summit Chile 2027, for the first time.	Checkbox		
1.6	**Other Exhibitions** o The product has already been presented at other exhibitions.	Checkbox		
1.6.1	**Year and exhibitions** (complete if 1.6 has been marked)	Free text	80	
2.	**DEGREE OF TECHNOLOGICAL INNOVATION**			**45%**
2.1	**Technological Advancement** Please describe the technological advancement (innovation) of your product.	Free text	800	15%
2.2	**Characteristics** Please highlight extraordinary characteristics, e.g., round-trip efficiencies (DC-DC and/or AC-AC), expected lifetimes (calendar, cycles).	Free text	800	10%
2.3	**Technological Creativity** How does your product demonstrate particular technological creativity?	Free text	800	
2.4	**Uniqueness** What makes your product unique compared with existing state-of-the-art technologies and with solutions of your competitors?	Free text	800	5%
2.5	**Technological Benefits** Which technological benefits does your product have?	Free text	800	10%
2.6	**Life Cycle Assessment (LCA)** What measures were taken during the development, production, operation and disposal of the product in order to achieve the best possible life cycle assessment?	Free text	800	5%
3.	**SYSTEM INTEGRATION**			**10%**
3.1	**System Interfaces** Please provide information on the system interfaces, both for power and also for communication with peripheral system components and/or with a supervisory control unit.	Free text	800	5%
3.2	**Installation** Please provide information on any special needs for the installation/construction of your storage solution.	Free text	800	

#	Question/Criteria	Field type	Max. characters	Weighting
3.3	**Standards** What international standards are met by the system in terms of a simple system integration?	Free text	800	5%
4.	**SAFETY I CYBER SECURITY**			**15%**
4.1	**Safety Certificates** If your product contains a battery system, please list all safety and ISO/DIN/UL certifications that your product has successfully passed or is in accordance with.	Free text	800	10%
4.2	**Cyber Security*** How effectively is the product and sensitive data protected against unauthorised access, loss or manipulation – both technically (e.g. encryption, access controls) and organisationally (e.g. security policies, updates)? * Answer the question if the product is software or if the product contains information and communication technology (hardware and/or software).	Free text	800	5%
5.	**ECONOMIC BENEFITS**			**15%**
5.1	**Cost Benefit** What is the cost benefit compared to other solutions?	Free text	800	10%
5.2	**Pricing** What is the selling price of the product/component today for the end user and what is the expected selling price in the next two years? (in € or US$)	Free text	800	
5.3	**Total Costs of Ownership (TCO)** What are the total costs of ownership per kWh?	Free text	800	
5.4	**Market and Marketing** What is the demand situation and market potential (expected market size, quantities, market share) of your product or component? What is the marketing and distribution concept for your product or component?	Free text	800	5%
6.	**PROOF OF INNOVATION**			**10%**
6.1	**Supporting Documents** Please provide documents like brochures, data sheets, presentations, test and field reports, patents, certificates and references, that confirm the innovation and functionality of your product. List the available documents here and upload them with your submission. Please include at least three pictures (high resolution) of the product.	Free text	800	10%
6.2	**Website Links** Is there any further information or are videos available on other websites (e.g. YouTube)? If so, please enter the links in the boxes below.	Free text	400	
7.	**QUALITY OF PRESENTATION**			**5%**
	▪ Format and quality of description and presentation ▪ Extent of application documentation			5%

CONTACT

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