

MERSEN APPLICATION SNAPSHOT: BATTERY ENERGY STORAGE



APPLICATION

Electrical Energy Storage is a fast-growing market and is key for the future of energy generation and distribution, enabling systems to safely solve energy generation challenges such as frequency regulation, renewable integration, and peak shifting.

EES is spread over the entire grid, from the main high power generation devices (PV or wind farms) down to the industrial and residential installation having its own PV capability. In some cases, EV/HEV batteries are also considered as an EES component that may buffer power fluctuations. It is a key component of “Smart Grid” concept.

PRODUCT OVERVIEW

Mersen offers an immense array of products that are key for the adequate protection throughout the whole electrical system, from the individual battery modules to whole container systems including the inverters, now up to 1500 VDC. Mersen is responsible for the safe interruption of overcurrent events, while reliably connecting batteries that run in the adequate temperature thanks to our cooling solutions. Mersen Capacitors enable the best performance out of each inverter in the system.



SOLUTIONS

Our team of experts are eager to discuss with you the best solution for your battery packs, container systems and inverters, with a solution-driven mindset enabled by our vast product offering of protection devices.

DIGITAL TOOLS



Videos:

- [Mersen Solutions for Battery Protection, Interconnection and Thermal Management](#)
- [Infini-Cell - Tab 2:1 Bonding](#)
- [DC High Performance Square Body Fuses](#)
- [Hybrid DC Overcurrent Protecting Devices for Battery Applications](#)

Brochures and Flyers:

- [BR: Fuses and Overcurrent Protection Devices for Power Electronics and Battery-Related Applications](#)
- [FL: Power Management Solutions for EV/HEV and Battery-Related Applications](#)

Website links:

- [gBAT EES Fuses](#)
- [Infini-Cell](#)

CONTACT US

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