

Alencon's isolated DC:DC converters are particularly helpful in this regard because they use a specialist, high-frequency silicon carbide transistors and transformers to map the nominal voltage of the fuel cell into the nominal voltage of the DC bus to which it is connected. Once the DC:DC converter brings those two different voltage levels ...

Here at Alencon Systems, we proudly design, engineer and manufacture our unique DC:DC optimizers in the United States in our factory located just outside Philadelphia, PA. That is certainly not something a lot of other power electronics manufacturers serving the solar and battery energy storage industry can say these days.

At Alencon Systems, They are passionate about power. They were founded by world leading power electronics experts who wanted to apply their unique level of knowledge and experience to help alternative energy become even more cost ...

Alencon develops innovative DC/DC converters for renewable energy power systems. Alencon's team members work in a creative and fast-paced environment, producing some of the most innovative power conversion equipment in the renewable energy industry. We offer competitive compensation and a fringe benefit package.

Alencon Systems is a cutting edge, American manufacturer of next generation power electronics for alternative energy applications including Solar, Battery Energy Storage, Microgrids, Electric Vehicles and Fuel Cells, among other applications. Alencon's mission is to apply our team's unique expertise in power electronics to help drive ...

Alencon Systmes LLC, an innovative power conversion company for alternative energy systems, has an immediate opening for a Power Electronics Engineer. Qualified candidates across many career stages are encouraged to apply for this unique career opportunity with unlimited potential for growth and advancement.

At Alencon Systems, it is our mission is to help utility scale solar operators harness more of the sun's energy and reduce the levelized cost of energy (LCOE) produced from a PV plant. Our ...

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The Alencon Fused Electrical Disconnect (FEED) is the ideal companion to your deployment of Alencon's SPOT or BOSS products. The FEED provides a convenient, load break DC-disconnect on the input of the SPOT and BOSS. For the BOSS, it can be used on the output as well.

Alencon Systems is now deploying the BOSS BOX and SPOT BOX, highly configurable deployment form factors of its galvanically isolated DC:DC converters that offer the benefits of a centralized location with the flexibility, resiliency and serviceability offered from Alencon's more granular devices. "In a world where increased levels of DC ...

Retrofit Possibility for Existing PV Systems - Alencon's optimizers, with their roots in use for PV retrofits, makes retrofitting existing PV plants with storage a possibility. With the specter of the Suniva and SolarWorld casting a long shadow over the industry, considering a storage retrofit to an existing PV plant could be a very ...

Here at Alencon, we are seeing the movement toward DC microgrids unfolding before our eyes everyday. Our DC-DC optimizer, the SPOT, provides the point of entry of PV into a DC microgrid by taking the variable voltage harvested from PV and providing a fixed voltage to a DC bus or other DC devices at their preferred voltage.

Adding Battery Energy Storage to Existing Solar Plants: A Case Study. This case study, produced in partnership with Duke Energy, explains the opportunities and challenges with installing battery energy storage into existing solar plants

Alencon Systems, based in Philadelphia, Pennsylvania, is a manufacturer of DC-to-DC converters, which are all built in the US. The company delivered key services to the AGU microgrid project, including ensuring correct ...

The BOSS: Alencon's Battery Centric Topology for DC-Coupling Solar + Storage. Alencon Systems' Bi-Directional Optimizer for Storage Systems (BOSS) can be used to enable the deployment of storage in a PV array with inverters from ...

Web: <https://gennergyps.co.za>