

Why Data Center, Battery Farm, & EV Engineers Choose Standex Edge

Trusted for performance, reliability, and integration flexibility.

- Proven expertise in high-efficiency magnetics for power-dense environments
- Custom solutions tailored to thermal, electrical, and mechanical constraints
- Rapid prototyping and collaborative design support
- Global manufacturing with local engineering assistance



Transformers



Inductors



Chokes

A Standex **Electronics** Business

The new brand name for the Standex Electronics Magnetics division exemplifies the position occupied by Standex Magnetics engineers in relation to magnetic component innovation.

Standex Edge expertise spans transformers, inductors, current sensors, chokes and other advanced magnetic components used across multiple industries.

Combining decades of engineering innovation with global manufacturing capabilities, Standex Magnetics Engineers are leaders in component miniaturization, thermal management, robust design, and efficient production. They have firmly established their position at the **Edge** of innovation, where energy meets possibility.

Welcome to **Standex Edge.**

To discuss your application requirements or request a quotation, please go to:

standexedge.com/#contact-us

EDGE-COM-PB261001

Standex EDGE Electronics

ISOGAP Technology

Patented Isolated Gap Transformer Design Optimizes Medium Voltage Solid State Transformers (SSTs)



INNOVATE / CONSULT / ENGINEER / DELIVER



ISOGAP
MAGNETICS

Patented Isolated Gap Transformers for Data Center, Battery Farm, and EV Charging Station Medium Voltage Solid State Transformers (SSTs)

ISOGAP Magnetics patented new technology saves cost, creates SST efficiency, and reduces the footprint of typical 415 VAC Data Center architectures. The ISOGAP technology component included in a solid state transformer helps eliminate four of the five typical power conversions.

Fewer steps. Less switchgear. Less copper. Bi-directional power management. And the smaller footprint means smaller installations.

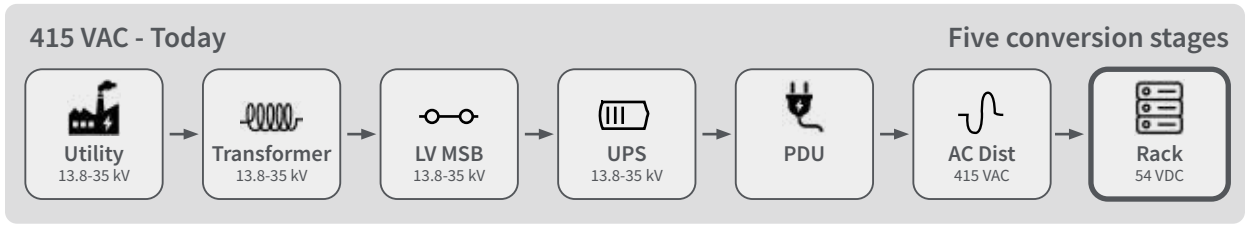
Together, it all means less cost.

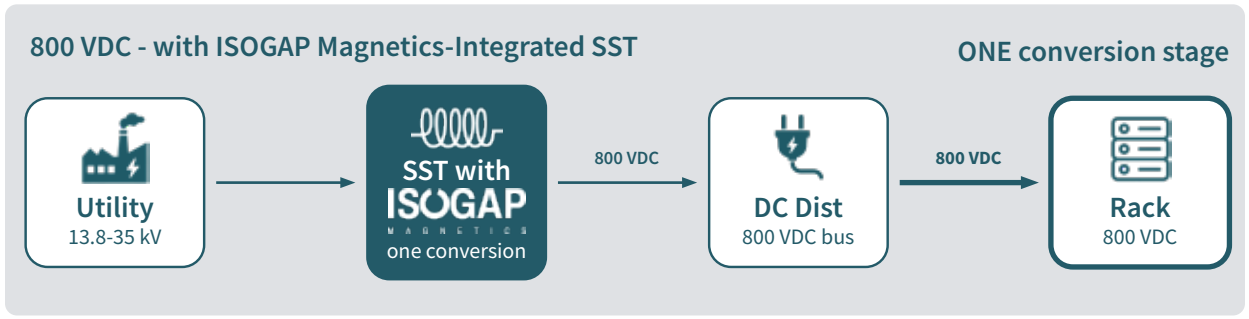
The partial discharge performance of the ISOGAP design has already been proven in the field and will optimize SST performance and reliability for data centers, battery farms, and EV charging stations worldwide.

Contact Standex Edge for more information!



Data Center Architectures: 415 VAC vs 800 VDC with ISOGAP Magnetics-Integrated SST





Cost
Fewer stages. Less switchgear, less copper.

Efficiency
ONE conversion instead of five.

Footprint
Smaller rooms. More compute per ft².



