



Data Center Design



Reliability when you need it.

Nidec
All for dreams

LEROY-SOMER™
KATO ENGINEERING™

Cloud Expertise

To meet the demanding requirements of data center applications, our generators are designed for dependability and performance. We are a leader in the data center market with site installations throughout the world. Starting with the specifications stage, we will work with you to design a generator to match up with your engine or turbine while also taking your entire project into consideration, whether it is for you or your customer.

We will examine all the variables that a reliable power system demands:

- Critical power
- Energy efficient
- Modular
- Customizable

Our generators for data centers are designed with low subtransient reactances. To ensure reliable performance, our stator coils are fully wrapped with mica insulation for increased resistance to voltage spikes caused by the non-linear loads found at data centers. It also comes with Kato's unique insulation system, proHtec™.

Regulatory requirements and technical specifications

Kato Engineering design power generation systems that comply with all international standards (ISO, IEEE, MIL-STD, NEMA ...) and meet/exceed industry standards for performance, reliability, maintainability and compactness.



Kato Engineering offers platforms that can provide from 380-15000V; 1,000-4MW/1500-1800 RPM. Kato Engineering alternators are designed for both engine and turbine packages fueled by diesel or gas.

Kato Engineering will work with you one-on-one to get the results you need.



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