

Power

Company Overview



LEROY-SOMER®
KATO ENGINEERING®

Industrial, Custom-engineered and Special Alternators for all Applications

GENERATING

A POWERFUL FUTURE

Nidec Power is the global leader for alternators from 10 kVA to 35,000 kVA.

We provide alternators for generator set manufacturers and power producers worldwide.

Every day, our products help secure access to power for thousands of people, for the safety and peace of mind of everyone.

We offer solutions for all standby and prime applications, from pioneer industrial outposts and ships to busy commercial zones and lively neighborhoods.

With over 3000 employees and a global footprint in over 40 countries, we're never far from you.

TWO STRONG BRANDS:

LEROY-SOMER™
& KATO ENGINEERING™

INDUSTRIAL ALTERNATORS

FOR GENERATOR SETS

CUSTOM GENERATORS

FOR ALL POWER GENERATION PROJECT TYPES

DEDICATED SOLUTIONS

FOR OIL & GAS, MARINE, RAIL AND MORE

WORLDWIDE

SERVICE NETWORK



NIDEC CORPORATION

FOR EVERYTHING THAT SPINS AND MOVES



Chief Executive Officer Shigenobu Nagamori, Nidec has worked its way up to become the world's No.1 manufacturer of small precision motors. In the process, Nidec has gradually expanded its product lineup to include a variety of small to large motors, application products for machinery, and electronic and optical components.







OVER 100,000 EMPLOYEES WORLDWIDE



Today, Nidec products are used in a wide range of applications and devices including information and telecommunications equipment, office equipment, home appliances, automobiles, industrial equipment, and environmental energy.

«For Everything that Spins and Moves», the Group is creating next-generation drive technologies to meet the needs of the society.



TRUSTED POWER GENERATION EXPERTS

Since 1919, Leroy-Somer™ has grown to become the world's preferred provider of industrial alternators for generator sets.

At the source of this tremendous achievement is our continuous commitment towards technical excellence and customer empowerment.

We strive not just for you satisfaction, but also for your own business development. This is the Leroy-Somer™ difference.



INDUSTRIAL ALTERNATORS FOR GENERATOR SETS MANUFACTURERS

CUSTOM-ENGINEERED MEDIUM AND HIGH VOLTAGE GENERATORS

DEDICATED TEAMS FOR HYDRO AND WIND POWER

DEEP KNOWLEDGE OF NUCLEAR EMERGENCY POWER

GRID CODE COMPLIANT PRODUCT RANGE AND EXPERTISE



KATO ENGINEERING

DEPENDABLE POWER GENERATION FOR PIONEERING INDUSTRIES

At Kato Engineering[™], we are proud of our 96-year tradition of design and manufacturing excellence and innovation. We employ about 400 people in our 345,000 sq-foot facility in Mankato, Minnesota, with in-house research & development, and design engineering. Our ruggedly constructed generators have survived the harshest environments, and our commitment to meeting customer needs has made the Kato Engineering[™] name synonymous with dependable power generation worldwide.



Custom-engineered alternators for standard & specialized applications



Extensive oil & gas capabilities



Traction alternators for rail and hauler trucks



Motor-generator sets for power conversion and stability



Solutions for marine and Navy ships

PRODUCTS OVERVIEW

INDUSTRIAL RANGE

LSA

Standard & critical applications 50/60 Hz - 10 to 4000 kVA

LSAH

Cogeneration & critical applications 50/60 Hz - 10 to 75 kVA

LSAM

Marine applications 50/60 Hz - 10 to 2400 kVA

TAL

Standard applications 50/60 Hz - 10 to 1000 kVA

TRACTELEC

Agriculture 50/60 Hz - 15 to 66 kVA

LSAC

Grid connected & cogeneration 50/60 Hz - 10 to 1400 kVA



CUSTOM

LSA: 10 to 35,000 kVA - Horizontal & Vertical -

RECIPROCATING ENGINES

Diesel & Gas High speed & low speed

HYDRO TURBINES

Horizontal & vertical
All turbine types



PRODUCTS

- 50/60 Hz - 4 to 24 poles - 101 & IC6 & IC8

STEAM & GAS TURBINES

High speed

WIND TURBINES

Fixed or variable speed

NUCLEAR POWER PLANTS

Emergency gensets



DEDICATED PRODUCTS

TRACTION ALTERNATORS

for trucks & locomotives 100 to 6000 kVA

VARIABLE SPEED

for Telecom, Marine & Wind power 5 to 10.000 kVA

MOTOR-GENERATOR SETS

Line conditioning, transformer testing Frequency conversion 1000 to 25,000 kVA

SYNCHRONOUS CONDENSER

for grid stabilization 1000 to 20,000 kVA

ATEX ALTERNATORS

Totally enclosed alternators ATEX certified for explosive atmospheres, for Oil & Gas applications 1000 to 35.000 kVA

400 HZ

Aviation ground power 16 to 400 kVA



SERVICE & SUPPORT

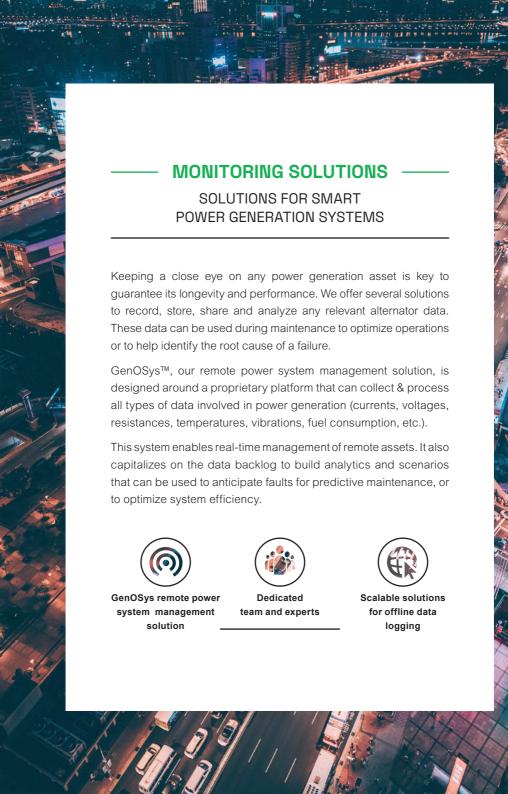
A GLOBAL NETWORK OF EXPERTS AT YOUR SERVICE

We pride ourselves on matching our high product quality with an equally high level of service throughout product life. For all your alternator service needs, you can trust in the support of our team of experts to optimize your machines' reliability and efficiency.

Our staff knows power generation operations inside out and will spare no effort to provide you with the best value service to optimize your cost of ownership on all machine types, including third-party alternators.



- **INSPECTION & REPAIR**
- PREVENTIVE AND SCHEDULED MAINTENANCE CONTRACTS
- FACTORY REMANUFACTURING OR ON-SITE OVERHAUL
- EXPERT DIAGNOSTICS
- GENUINE SPARE PARTS
- TRAINING AND **EDUCATIONAL PROGRAMS**



WORLDWIDE FOOTPRINT



USA

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Connect with us at:









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