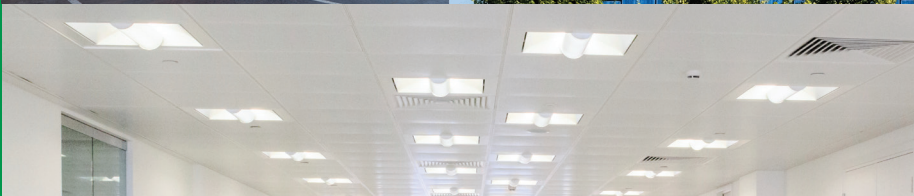


Electric Power Generation



Onsite Power Commercial/Industrial/Telecom



TAL
The Simple Solution

10 kVa – 1250 kVa

Nidec
All for dreams

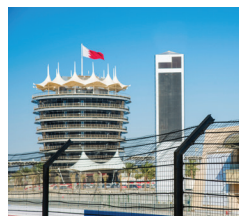
LEROY-SOMER™

Emergency Standby & Prime Power Solutions

The **performance** you need,
the **quality** you want, and
a **brand** you appreciate.

Leroy-Somer is a leading global supplier of alternators for standby and prime power. Our new TAL low voltage alternators, with optimal performance for commercial and industrial applications, are a simple, efficient solution for your onsite power requirements.

- Stores and shopping centers
- Office buildings
- University buildings
- Sports venues
- Medical office complexes
- Telecom cell towers
- Government buildings
- Manufacturing facilities
- Hotels
- Theaters and concert halls
- And many other building types



TAL Low Voltage 4-Pole Alternators

10-1000 KVA (50 HZ) | 10-1250 KVA (60 HZ)

Leroy-Somer's TAL alternators are specially designed to meet the power needs of commercial and industrial buildings and telecom cell towers. TAL is compatible with most engine brands.

COMPACT Design

- Shortest profile, smallest footprint
- Requires less installation space
- Standard feet positioning
- EASY to install and maintain
- Simplified terminal box
- Accessible coupling disk
- Easy access to cables and regulator

RELIABLE operation

- Performance optimized for standby and prime applications
- Rugged assembly withstands engine vibration
- Sturdy steel frame with aluminum or cast iron flanges and shields

QUALITY is assured

- Like all Leroy-Somer products, TAL alternators meet the highest quality standards
- Compliant with EMC, CE, and IEC 60034
- Manufactured in ISO 9001 and 14001 factories



ELECTRICAL FEATURES

- 2/3 winding pitch
- 6-wire reconnectable for 3-phase
- 2-wire for dedicated single-phase (TAL40-42-44)

AVAILABLE OPTIONS

- Customized paint
- Space heater
- 12-wire reconnectable for 3-phase
- TAL 40-42-44 only:
 - Flying leads
- TAL46-47-49 only:
 - Droop kit for paralleling
 - Short circuit capability
- Harsh environment protection
- UL/CSA Certification

Model		TAL 40	TAL 42	TAL 44	TAL 46	TAL 47	TAL 49		
Standby Rating	50 Hz	11-22 kVa	27.5-66 kVa	77-181 kVa	200-400 kVa	420-730 kVa	805-1100 kVa		
	60 Hz	11.5-27.5 kVa	32-82.5 kVa	76-225 kVa	200-480 kVa	495-910 kVa	800-1375 kVa		
Continuous Rating	50 Hz	10-20 kVa	25-60 kVa	70-165 kVa	180-365 kVa	380-660 kVa	730-1000 kVa		
	60 Hz	10-25 kVa	29-75 kVa	69-206 kVa	180-438 kVa	450-825 kVa	725-1250 kVa		
AVR	6-lead	R120	R120	R120	R150	R150	R150		
	12-lead	R220	R220	R250	R250	R250	R450		
Voltage	3 Ph 6-wire	50 Hz		60 Hz		50 Hz		60 Hz	
		Y 380 400 415 Δ 220 230 240		Y 380 416 440 480 Δ 220 240 254 277		Y 380 400 415 Δ 220 230 240		Y 380 416 440 480 Δ 220 240 254 277	
	1 ph	50 Hz		60 Hz		–			
		Δ 230		Δ 240					
Excitation		Shunt			Shunt (Optional short-circuit capacity)				
Insulation		Class H							
RPM 4 Pole	50 Hz	1500							
	60 Hz	1800							

We're There for You

With a global manufacturing footprint and service centers as well as knowledgeable sales staff located all over the world, we are available whenever you need us.



The brand you trust, the power you depend on.



Leroy-somer.com/epg

LEROY-SOMER™

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LEROY-SOMER™

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