


## ALTERNATOR SPECIFICATIONS

Manufacturer :	Leroy Somer	<ul style="list-style-type: none"> <li>• Leroy-Somer is a branch of Emerson Electric Inc.</li> <li>• Compliance with NEMA MG21, UTE NF C51.111, VDE 0530, BS 4999, CSA standards.</li> <li>• 2/3 pitch, 12 leads reconnectable.</li> <li>• Low reactance (<math>X^d &lt; 12\%</math>).</li> <li>• Vacuum-impregnated windings with epoxy varnish. IP21 drip proof</li> <li>• Generator allows as standard sustained short circuit current of up to 300% of rated current for up to 10 seconds.</li> </ul>
Type :	LSA461L8	
Pole : number	4	
Exciter type :	AREP	
Insulation : class, temperature rise	H / H	
Voltage regulator :	R448	
Bearing : number, type :	1, Sealed	
Coupling :	Direct	
Voltage regulation 0 to 100% load :	+/- 1%	
Recovery time (20% Volt dip) ms :	< 500 ms	
Reactance $X^d$ , % :	9.1 %	
Heat rejection KW :	17.90 kW	
<b>Peak motor starting KVA:</b> (Maximum at 35% voltage dip)		
480V : SHUNT / With PMG	900/ 900	
600V :	834	

## CONTROL PANEL

Microprocessor control panel is available on all the models. Compatible with 12 or 24 Volts Engine electrical systems.

	<p>Standard features :</p> <p>AC voltmeter, AC ammeter, Frequency meter,          Engine shutdown : Oil pressure, High water temperature, Low water level, Overspeed, Overcrank.          Engine parameters : Oil pressure, Water temperature, Fuel level, Running time meter, Battery voltage.          Emergency Stop Button, Internal clock.          Communication via a RS485 for remote management (software is an option)</p>
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Optional :

- NFPA 110 level 1
- Remote annunciator for NFPA 110 Level 1