

ALTERNATOR SPECIFICATIONS

Manufacturer :	Leroy Somer	Leroy-Somer is a branch of Emerson Electric Inc.
Type :	LSA461L8	
Pole : number	4	Compliance with NEMA MG21, UTE NF C51.111, VDE 0530, BS 4999, CSA standards.
Exciter type :	AREP	
Insulation : class, temperature rise	H / H	2/3 pitch, 12 leads reconnectable.
Voltage regulator :	R448	Low reactance ($X''d < 12\%$).
Bearing : number, type :	1, Sealed	Vacuum-impregnated windings with epoxy varnish. IP21 drip proof
Coupling :	Direct	
Voltage regulation 0 to 100% load :	+/- 1%	Generator allows as standard sustained short circuit current of up to 300% of rated current for up to 10 seconds.
Recovery time (20% Volt dip) ms :	< 500 ms	
Reactance $X''d$, % :	9.1 %	
Heat rejection KW :	17.90 kW	
Peak motor starting KVA : (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.



Standard features :

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)

Optional :

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