


ALTERNATOR SPECIFICATIONS

Manufacturer :	Leroy Somer	<ul style="list-style-type: none"> Leroy Somer is a branch of Emerson Electric Inc. Compliance with NEMA MG21, UTE NF C51.111, VDE 0530, BS 4999, CSA standards. 2/3 pitch, Low reactance ($X^d < 12\%$). Vacuum-impregnated windings with epoxy varnish. IP21 drip proof AREP type allows sustained short circuit current of up to 300% of rated current for up to 10 seconds. Total harmonic TGH/THC $< 4\%$
Type :	LSA491M5	
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 :	<1000ms	
Reactance X^d , % :	14.1 %	
Heat rejection KW :	27.70 kW	

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