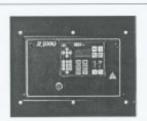
## ALTERNATOR SPECIFICATIONS

Manufacturer :	Leroy Somer	Leroy Somer is a branch of Emerson
Type:	LSA491M5	Electric Inc.
Pole : number	4	<ul> <li>Compliance with NEMA MG21, UTE</li> </ul>
Exciter type :	AREP	NF C51.111, VDE 0530, BS 4999,
Insulation : class, temperature rise	H/H	CSA standards.
Voltage regulator :	R448	<ul> <li>2/3 pitch,</li> </ul>
Bearing : number, type :	1 , Sealed	<ul> <li>Low reactance (X<sup>n</sup>d ≤ 12%).</li> </ul>
Coupling:	Direct	Vacuum-impregnated windings with
Voltage regulation 0 to 100% load :	+/-1%	epoxy varnish. IP21 drip proof
Recovery time (20% Volt dip) ms:	<1000ms	AREP type allows sustained short
Reactance X"d, %:	14.1 %	circuit current of up to 300% of rated
Heat rejection KW:	27.70 kW	current for up to 10 seconds.
		Total harmonic TGH/THC < 4%

## CONTROL PANEL

 $\label{thm:models} \begin{tabular}{ll} Microprocessor control panel is available on all the models. Compatible with 12 or 24 Volts Engine electrical systems, \end{tabular}$ 



## 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