



## NATURAL GAS GENSET

### MODEL : KS100UG

#### ALTERNATOR SPECIFICATIONS

Manufacturer :	Leroy Somer	<ul style="list-style-type: none"> <li>• Leroy Somer is a branch of Emerson Electric</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 :	442 S7	
Pole : number	4	
Exciter type :	Shunt	
Insulation : class, temperature rise	H / H	
Voltage regulator :	R230	
Bearing : number, type :	1	
Coupling :	Direct	
Voltage regulation 0 to 100% load :	+/- 1%	
Recovery time (20% Volt dip) ms :	<500ms	
SkVA with 90 % of nominal sustained voltage (at 0.4 PF) :	300	

#### CONTROL PANEL

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

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